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RULES AND REGULATIONS,

AND

TARIFF.

Atlantic and Pacific and Franklin

TELEGRAPH COMPANIES.

NEW YORK:

HOMER LEE & CO., ENGRAVERS, PRINTERS AND STATIONERS,
62 Liberty Street.

1876.

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The following rules and regulations have been prepared, at a greater cost of time and labor, than could be supposed by any one who had never made the trial, however extensive and varied his experience in the business of telegraphing. A large amount of material has been gathered together gradually, for several years, for this purpose, which has been wrought out of the experience of many efficient telegraphers, in all grades of service, from the highest to the lowest. Some will think too much is herein attempted, while others will think important omissions have been made. More has been rejected, than is included, the greatest brevity consistent with the necessities of the service being aimed at. The object sought is to secure prompt and efficient service and uniform action, and it is believed that this compilation is more complete and better adapted to accomplish this end, in connection with commercial telegraph business in the United States, than anything hitherto published.

It is the duty of all, and especially of the Auditor and General and District Superintendents, to see that these rules and regulations are strictly complied with.

ORGANIZATION.

Trustees, Atlantic and Pacific Telegraph Company.

OLIVER AMES,	Boston.
ELISHA ATKINS,	"
BENJAMIN E. BATES,	Boston.
F. GORDON DEXTER,	"
SIDNEY DILLON,	New York.
G. M. DODGE,	"
THOMAS T. ECKERT,	"
WM. H. GUION,	"
JAY GOULD,	"
C. P. HUNTINGTON,	"
S. M. MILLS,	"
J. H. MORTIMER,	"
C. J. OSBORNE,	"
G. G. SAMPSON,	"
JAMES D. SMITH,	"
E. D. L. SWEET,	Chicago.
WM. J. SYMS,	New York.
HENRY M. TABER,	"

Executive Committee.

SIDNEY DILLON,
 THOMAS T. ECKERT,
 JAY GOULD,
 JOHN H. MORTIMER,
 WM. J. SYMS.

Directors, Franklin Telegraph Company.

FREDERICK L. AMES,	Boston.
EDWIN F. ATKINS,	"
E. H. ROLLINS,	"
SIDNEY DILLON,	New York.
JAY GOULD,	"
W. J. SYMS,	"
JNO. T. MORTIMER,	"
THOS. T. ECKERT,	"
HENRY M. TABER,	"

OFFICERS.

THOMAS T. ECKERT, President and General Manager.
 WILLIAM J. SYMS, Vice President.
 ALBERT B. CHANDLER, Secretary, and Ass't Gen'l Manager.
 ALFRED NELSON, Treasurer.
 EDWIN T. MACKAY, Auditor.
 DENNIS DOREN, Gen'l Supt. Construction and Repairs.

D. HOMER BATES, Gen'l Supt Atlantic Division, New York.
 WILLIAM H. WEED, Supt. Midland R. R. Lines.

CHARLES A. TINKER, Gen'l Supt Central Division, Chicago.
 WILLIAM C. HUMSTONE, Supt. Cleveland, O.
 JOHN J. DICKEY, Supt. Union Pacific R. R. Lines.

R. P. HAMMOND, Gen'l Manager Pacific Division, San Francisco.
 F. L. VANDENBURGH, Gen'l Supt., Central Pacific R. R. Lines.

EDWARD C. COCKEY, Supply Agent, New York.
 JAMES G. HARRIS, Clerk. Franklin Telegraph Co., Boston.



The President and General Manager is the chief executive and general officer of the Companies; responsible to the Boards of Trustees and Directors for the conduct of the entire business thereof.

The Vice President acts in an advisory capacity to the President, and assumes his executive duties in his absence.

The Secretary is the custodian of the records of the executive office, and is charged with the preparation and issue of office and tariff changes, and of rules and regulations governing the service in the various departments. His duties also extend over the whole service of the companies, as an assistant to the General Manager.

The Treasurer has charge of the receipt and disbursement of all funds of the Companies, and of their stock, transfer books and securities.

The Auditor has charge of all accounts of the companies, and it is his duty to see that they are promptly and accurately rendered.

The Supply Agent has charge of the purchase and distribution of supplies.

The clerk of the Franklin Company prepares, and has custody of, the records of the stockholders meetings of that Company, the stock books and transfers.

The General Superintendents have charge of the construction and maintenance of the companies' lines and property, of the appointment of employes and the general management of the traffic, in their respective divisions.

The District Superintendents have direct charge of the details of the companies' business within the territory assigned to them, reporting through, and being directly responsible to, their General Superintendent.

MANAGEMENT OF OFFICES.

1 The Manager of an office is appointed by, and under the jurisdiction of, the Superintendent, and all his correspondence and official intercourse in reference to the business of the Company, unless specially invited by a superior officer, shall be only with him. All branch offices in the same city or town are under his control, unless otherwise specially arranged.

2 Managers of branch offices are required to report to the Manager of the main office; to abide by all the rules and regulations respecting the ordinary transactions of the business of the main office; to produce daily all messages which have been sent, copies of all messages received, and account to him, daily, for all moneys received in the transaction of business.

3 The Manager of an office will assign to all operators, clerks and messengers, under his charge, the hours of service required of them, and shall not permit any breach thereof, or of the discipline of the office required by the rules or Executive orders of the Company. Deductions will be made for lost time, in all cases.

4 All offices must be open for business from 8 A. M. to 8 P. M., during the week allowing, where a single operator is employed, a reasonable time, not exceeding one hour, for dinner, and the same for supper. Meal hours to be the same at all such offices on the same circuit.

Offices wherein more than one operator is employed will not be closed for meal hours, but must be kept open throughout the day.

On Sundays all offices will be open from 9 to 10 A. M.

Offices to be kept open at other hours will be designated in tariff book.

Each office shall have a notice of its office hours conspicuously posted for the information of the public.

5 Managers are expected to be on duty at the hour appointed for opening offices, and in times of storm, when the lines are in danger, they must be at their offices, to direct repairs, or give such aid in testing or restoring communication as may be necessary.

6 The national holidays of the year are the Fourth of July, Thanksgiving, Christmas and New Year's Day. The hours of service on these days will be from 8 to 10 A. M., and from 4 to 6 P. M., except at repeating stations and principal offices, which will keep open as usual, but with such diminished force as may be sufficient for the service.

7 Managers of offices are required to afford to the public proper convenience for writing messages, and to maintain their offices at all times in such a manner that they shall be clean, orderly and respectable. No smoking will be allowed during business hours in any receiving or operating department, nor shall profane, obscene, or ungentlemanly language be permitted therein, nor upon the wires.

8 It is the duty of the Manager of an office to possess himself of accurate information respecting the names and distances from his office, of all telegraph offices within an air line radius of fifty miles, by which to charge his local rates. He should also make himself familiar with the distances and routes to adjacent towns, and all outlying residences, so as to establish carefully his radius of free and special delivery.

9 Managers of offices are responsible for all moneys received and disbursed, except when a cashier is appointed for the purpose. Managers of offices, (or

cashiers in special cases), are also held responsible for tolls collected by messengers, and will exact from them such reasonable security as shall protect themselves from loss.

10 Requisitions for supplies for offices will be made by the Manager once in three months, and should be carefully estimated, and stated on blank form No. 4, and forwarded to his Superintendent. Letter clips, rulers, inkstands, office-wire, instruments battery jars and other imperishable articles, will not be issued except by special approval of Superintendents, who must state upon the requisition the necessity therefor; and in the case of new instruments, it must be explained whether they are to replace old ones, which are to be returned for repairs, or to provide for additional wires, or for new offices. Specific shipping directions should be noted on requisitions by Superintendents in all cases, and orders should be given in advance so that the cheapest means of transportation may be availed of.

11 Managers are held responsible for all property belonging to their offices, and are required to exercise the closest economy in the use of supplies, and to be careful in the use of office furniture and other property in their charge. Great saving can readily be secured in vitriol and other battery material, and in pens, penholders, pencils, letter paper, message forms, message paper, etc., if both office managers and Superintendents will aim to practice the same economy that they would if the supplies were to be paid for by themselves personally.

12 No supplies will be purchased by an office manager, except in an emergency and then only on the authority of his Superintendent. Superintendents will not exercise such authority either themselves or through office managers, except in cases of special urgency, or when greater economy can thereby be secured; the design being to have the supply department furnish all necessary supplies and line material. In case authority to purchase is assumed by Superintendents, they will immediately make a requisition upon the Supply Department, in the usual form, and send it, accompanied by a voucher, explicitly setting forth the articles procured, the price, and the necessity for purchase, to the Supply Agent, New York City.

13 No article belonging to the Company must be sold, or transferred from one office to another, without specific directions from the Superintendent in charge. When instruments or other property are ordered by a Superintendent to be sent to the Supply Department, they must be accompanied by a letter from the Manager stating distinctly why sent, and what disposition is desired to be made of them.

14 Old copper, zinc, messenger books, messages, &c., are of value to the company, and must be carefully preserved until sufficiently accumulated to be forwarded to the Supply Department, as may be directed by the District Superintendent. All such material should be weighed and classified, and accompanied by a letter stating where from and by whose order sent.

15 When the Manager of an office has good reason to believe that some error has been made in transmitting a message, an office message may be sent, signed by the Manager, for the purpose of correction, which must have prompt attention and reply.

16 When, in the judgment of the Manager of the receiving office, such office messages are unnecessarily sent, although the answer must be given, the case will be reported to his Superintendent. Office messages must not be transmitted free, requesting answers to messages previously sent, except there is evidence of fault on the part of the telegraph service, in which case they must be briefly expressed.

17 Managers of principal offices will keep a daily record of all interruptions or

irregularities which may occur in the working of the lines, timing and dating them, with such other memoranda as may render the record useful for reference.

18 Managers of offices must give no information respecting messages or their contents, or by whom they have been sent or received. Ingenious questions are sometimes asked to draw out information, to be used for improper personal advantage, or to the injury of others. All questions, therefore, such as, "Has A. B. sent a message?" "Was the answer to E. F.'s message all right?" "Did C. D. get a message this morning?" must not be replied to.

19 The printed forms of the companies must be used only for the purpose for which they are designed. Under no circumstances must No. 10 blanks or No. 93 envelopes be given to the public.

20 All messages, including press reports, must be treated as strictly confidential, and must not be shown, nor any information be given respecting them or their contents. Neither must the books nor papers of the Companies be examined by any person not connected with the Companies, except by order of an Executive Officer.

21 All managers and other employés are *strictly prohibited from furnishing copies of original messages, or from certifying to the correctness of any message, or copy thereof, whether sent or received.*

22 When the *sender* or *receiver* of a message applies in person, he will, if known, or properly identified, be permitted to see or make a copy of his dispatch for himself. When the application is in writing, the signature must be identified as the genuine signature of the person or firm who sent it, precisely as if it were the signature of a bank check or draft. In no other case will such permission be allowed, without the order of an Executive Officer.

23 All complaints respecting irregularity in transmission or delivery of messages, or of claim on account thereof, must be made by the sender in writing, stating facts and grounds of claim. In cases of error or delay, the complaint should be accompanied by the receiver's copy of the message. In cases of non-delivery, a statement in writing from the person to whom the message was addressed, to the effect that the message has not been received, should be furnished with the complaint.

24 No Manager or other employé is permitted to furnish any information relating to complaints under investigation, to the parties interested, except under advice from the officer having the case in charge.

25 No original sent message, or duplicate of a received message, will be allowed to pass out of the possession of the Companies, except by authority of an Executive Officer.

26 Whenever a Manager or other employé is subpoenaed on the part of the sender or receiver of a message, to produce it before a court or other legal tribunal, he will comply with the subpoena, and afterward return the message to the files. When subpoenaed by any party other than the sender or receiver, he will take the message into Court and submit to the Judge that he ought not to produce it, the communication being privileged, and that he cannot do so, unless a rule of Court is entered requiring it. If such rule is entered, the manager must obey it, asking the clerk to have given to him a copy of the rule and message. The subpoena and other papers connected therewith should be retained on file with the message to which they relate.

27 Immediately upon the service of any legal process or papers, for the commencement of any action or legal proceedings against the Company, the person upon whom such service is made will report the fact promptly, by telegraph, to the Secretary at New York, stating briefly the nature of the process, and when served,

and transmit to him by the first mail a copy or abstract of such paper or process so served upon him, with a statement of such facts relating to the subject matter of the proceedings as are within his knowledge. He will retain the original paper, subject to instructions from the Secretary.

28 No new kinds of machinery, instruments, insulators, insulating materials, batteries, other apparatus, nor any essential modifications of those now in use, will be purchased, except upon the previous written approval of the President; and no employé, without his authority therefor, will be permitted to make experiments at the expense of the Companies.

29 Any manager, operator, clerk, messenger, or other officer or agent of these Companies, who shall accept a fee for the purpose of hastening the transmission of any message, or for giving a message priority of transmission over any other message or messages, or for the divulgence of any information obtained from any message, or for the performance of any service properly due to the Companies as their agent, shall be dismissed, and shall not be eligible for reemployment.

30 Employés are required to be uniformly courteous in their intercourse with the public, and to maintain under all circumstances the most gentlemanly conduct while in the performance of their official duties.

31 No person, unless in the employ of the Company, will be permitted to enter the operating rooms or other private offices of the Company.

32 A copy of these rules must be kept in every department of all offices, at all times, for the information and guidance of employés of these Companies only, and be at all times accessible to them.

RECEIVING DEPARTMENT.

33 Messages not prohibited by the rules of the company may be accepted when clearly and legibly written in any language in which Roman characters are employed. When such a message has been duly accepted and paid for, the time of its reception will be noted on the extreme upper right hand corner of the blank, with the initial of the receiver. The number of words, amount of tolls, and the word paid, collect, or free, as may properly designate the message, will be entered in the space provided therefor, preceding the message. *See the following form:*

FORM OF A PAID MESSAGE AS IT LEAVES THE RECEIVER FOR
THE OPERATING ROOM.

Form. 7	Atlantic and Pacific and Franklin Tele- graph Companies.		(Receiver's Time.) *11. 45. w.	
RULES OF THE COMPANY.				
Number.	Sent by	Time sent.	Rec'd by	Check, 2. w. 50 paid.
.....				

NEW ORLEANS, May 1, 1874.

JOHN JONES,
Twenty-four Pearl Street, Mobile.
Come home.

JOSEPH JONES.

* Not to be transmitted.

34 Messages written so obscurely that they cannot be readily understood, and all messages containing profane or obscene language will be refused.

35 Messages for transmission must be written upon printed blank forms, numbers 7 or 8, and received subject to the conditions stipulated thereon. Whenever this is impracticable the receiver will require the person presenting a message to attach it permanently to the face of the blank, so as to leave the printed heading in full view immediately above the message. Messages from other telegraph companies will be treated in like manner.

36 In case it is preferred to write messages on other paper, it may be done by writing under the conditions printed on the blanks the following, viz:

"It is understood and agreed that all messages hereafter accepted from me by the Atlantic and Pacific, and Franklin Telegraph Companies, are to be received and transmitted by said Companies subject to the above agreements and conditions, the same as if each message was written thereunder and signed by me.

This, properly signed and dated, will be sent by the Office Manager to his Superintendent, retaining a copy of the same for reference.

37 All messages offered for transmission by cable must be written on cable blanks, Form No. 9. This rule must be enforced invariably where offices are supplied with cable blanks. If, for any reason, they have none on hand, such messages may be written on No. 7 blanks; but in this case managers must call the attention of the customer specially to the clause in printed heading of No. 7 blanks, making this company the agent of the sender, without liability, to forward any message over the lines of any other company, when necessary to reach its destination, and they must require the customer's assent thereto.

38 Managers and Receivers are strictly forbidden to make any promise of transmission or delivery of any message under any circumstances, beyond the assurance that due diligence will be used in forwarding to destination.

39 All messages presented for transmission should be carefully read, and every word be not only clearly understood by the receiver, but be so plainly written that the operator may be able to send the message correctly. If the address seems insufficient, a more complete one, giving street and number or occupation, should be requested, to secure proper delivery. Abbreviations of words should be avoided. When a message contains words incorrectly spelled, the receiver will courteously call

attention thereto, and endeavor to have them corrected. This must be done discreetly to avoid offence, but is important to prevent error in transmission. When a message has been accepted for transmission it shall be sent in all cases exactly as written.

40 All messages are required to bear the actual date, the name of the place, town or city, where the message is offered, together with the month, and day of the month, all of which will be sent free. Figures are allowed in the free date of a message.

41 Whenever messages which have come over the line of any other telegraph company are offered at points on A. and P. and F., lines not indicated by the Tariff Book of these Companies as the proper place for such business to reach our lines, or whenever messages are received by mail at any office to be forwarded by telegraph, or in case a person having received a message requests the same to be forwarded to any other place, or in case a person leaves town before the arrival of an expected message and it is forwarded to him, or whenever under any circumstances a message is to be sent from any office bearing a date other than that on which it is sent, or place from, other than that of the office from which it is forwarded, the name of the place where it originated, and the date, will be inserted immediately after the address, and will be charged for. For example, if the following message should pass over the line of another company from Buffalo to Rochester, or through the mail, or be received by any other person by telegraph or mail, or should arrive at Rochester by our own line after the party to whom it is addressed had left town, and a request is made that it be forwarded to Albany, or the sender, being in Rochester, desires to have his message dated Buffalo, it would be sent as follows:

Number.	Sent by.	Time.	Rec'd by.	Check.	
				14 w.	Paid.
.....					
				ROCHESTER. Oct. 10th.	

TO JOHN BROWN, ALBANY, N. Y.

BUFFALO, Oct. 10th.—Meet me here next Monday at half-past twelve without fail.

H. SMITH.

Thus adding in and charging for as a part of the message the three words, "Buffalo, Oct. tenth."

42 Messages will bear one clear and sufficient address to a single person or firm, together with the street, number and place of its destination, which will not be counted or charged for. A single message addressed to two persons for separate delivery will be refused. Where a message is addressed to two or more persons for delivery to one only, all names except the first will be charged for. An address to Mr. and Mrs. ——— will be accepted as a single address. The number of a street in an address should be written in words. Every address should be followed by a period, to denote its completion.

43 No message will be accepted addressed to any person at a specified telegraph station with directions to transmit, if absent, to any other station. In such cases two messages must be sent, one to each place.

44 All words not embraced in the proper date, address and signature, are to be charged for.

45 Observe the following rules for counting, except for cable messages:

Names of persons and places, initial letters, titles, etc., are to be counted accord-

ing to the number of words or distinct separate signs used to express them. The prefixes, O, Mc, Van, Von, De, Le, La, will be regarded as forming a part of the word following them.

Examples:—Hon. John R. Marcy, Jr., 5 words.

J. Y. M.,	3 words.
United States,	2 words.
New York,	2 words.
P. M.,	2 words.
John Young, M. D.,	4 words.
C. O. D.,	3 words.
Vannostrand,	1 word.
St. James,	2 words.
San Francisco,	2 words.

46 Words found in dictionaries, composed of two or more distinct words connected by a hyphen, as forming a single word, will be counted as so many different words, and no hyphen will be accepted as forming a part of any word or message. Example—*word-painting*, 2 words; *man-of-war*, 3 words. The words *today, tonight, tomorrow, railroad, railway, anyhow, anywhere, anywise, anything, everything* are recognized English words, and are to be counted as such, unless separated into distinct words by the writer. The words *dont, wont, cant, shant*, although not correctly written without the use of apostrophes, are in common use, and may be received as one word when no apostrophe is employed. The same rule will apply to contracted words, or words in the possessive, such as, *Eddies, Cousins, Edwards*. If such words are written as in the expression, "Hope Eddies well," they will be sent as one word.

47 Where messages contain amounts, dates or numbers, require the sender to write them plainly in words. If such amounts, dates or numbers, after being written in words, be also duplicated in figures by the customer, such figures must be counted as a part of the message and included in the check.

48 Figures inserted by the customer must not be erased by receivers or operators, nor will they be inserted except at the request of the customer. When amounts are duplicated in figures, charge for the figures according to the number of words employed to express them.

49 The only punctuation or other signal marks to be accepted for transmission are bars of division in fractions, commas, semicolons, periods, interrogations, exclamations, quotation, and brackets. All such signs, *except periods*, will be charged for. The quotation and bracket signs on each side of enclosed words are to be charged separately. When any such signs are to be transmitted they will be made as conspicuous as possible, to assist the operator in recognizing them.

50 Paragraph signals are used for press reports, and may be used on private messages, when necessary, without charge. A double period will be used to indicate a new paragraph.

Period	- - - - -	Interrogation	- - - - -
Comma,	- - - - -	Bar of Division	-
Semicolon,	- - - - -	Exclamation,	- - - - -

51 Every message will bear the signature of the person or firm sending it, which will not be counted, or charged for. Additional signatures, addresses, titles of every description, such as cashier, president, manager, chairman, and all other words after the signature must be counted and charged for, if to be transmitted. In all such

cases, receiving clerks should inquire whether transmission is desired, and if not, the added words should be erased, but in such manner as not to entirely obscure them.

52 Code messages are composed of words found in ordinary dictionaries or gazetteers, but disarranged, or having a secret meaning. Such messages will be transmitted at ordinary tariff rates.

53 Cipher messages are composed, in whole or in part, of figures, letters, characters, or words not contained in dictionaries or gazetteers, or a combination of either, or all.

54 Count *Cipher Messages* as follows:

Add together all the figures, letters and characters which compose the ciphers, divide the total by five, and the quotient (plus one for the remainder, if there be any) is the number of words to be charged for as cipher. Any portion of the message written in ordinary words, whether code or plain, will be counted as in ordinary messages, and added to the number of cipher words.

55 Double the ordinary rates will be charged for the whole number of words in cipher messages, and they will be treated in transmission as directed in the case of messages "repeated back."

56 The sender of a message may, for the purpose of greater security, have it repeated back over the wires of this company by paying a half rate additional, in which case each receiving office will send back to each sending office, and the copy taken of the message so repeated will be compared with and affixed to, and filed with, the original, at each point of repetition. In repeating a message the company does not undertake to provide the sender with a copy as finally delivered. The words "repetition paid" must be inserted immediately after the signature, and charged for. The check on such a 10 word message, when the ordinary rate is fifty cents, will be "10 w. repeated back," and the cash check be understood as one half in addition, or 75 cents.

57 Should the receiver of any ordinary message require it to be repeated on account of supposed error, the application for repetition must be addressed to the sending station. Such application and repetition must be treated as two distinct messages, and be prepaid. Should the supposed error be found to have been the fault of the Telegraph service, the charges for the application and repetition will be refunded, and the person found to be at fault will be required to repay the amount so refunded.

58 Whenever a message is to be dropped in the post-office, or sent by train to its place of destination, in both of which cases the law requires a postage stamp to be affixed, the receiver will collect for postage and add it to the check. Such messages must contain instructions from the sender as to the places from which they are to be posted. Such instructions must be inserted immediately after the address and charged for as part of the message. The office receiving the same for delivery will affix the required postage stamp, deposit in the post-office, or deliver to train as may be directed, and check the amount of postage against the transmitting office as "for other lines."

59 Whenever the sender of a message which has failed of delivery, through insufficient or incorrect address, desires to have a copy delivered to another address, another message must be written, transmitted and paid for, in all respects as a new message.

60 Messages may be accepted for delivery beyond the limits of free delivery on the following terms:

1. Prepayment of the message.
2. Prepayment within a radius of three miles from the office of delivery, for each half mile or fraction thereof beyond free delivery, 25 cents.

For each additional mile or fraction thereof beyond three miles from the office, one dollar.

61 When such payments have been made, and a careful address has been given prompt delivery of such messages must be made on the most favorable terms, and, when possible, within the price named. Should such service be found impracticable within the sum paid, the delivery nevertheless will be made, and the facts explained upon the voucher covering the service.

62 Messages of this character will bear upon them immediately following the signature "Delivery, — mile paid." Such added words to be counted and charged for. In such messages, also, all directions for delivery beyond the name of the person addressed and the office from which delivery is to be made, will be charged for.

63 All charges for special delivery will be added to the check and entered as "for other lines."

SPECIAL DELIVERY ANSWERS.

64 When an answer to a message requiring special delivery is desired, the words "reply paid" will be inserted and charged for, and prepayment of the telegraph tolls of a ten word message will be required. In such case the special messenger must be provided with a blank on which the answer may be written and which he will be instructed to procure, if possible.

65 An answer to a message may be prepaid, as in the case of an original message, and the insertion and payment of the words "reply paid" after the signature in the message requiring it. The payment or guarantee of an answer thus endorsed, will be understood to cover a message of ten words only, unless otherwise provided for. If the words "reply fully paid" are inserted, it will be understood as authorizing a reply without restriction as to length. The sender of an answer may exceed the limits of a "reply paid" message by paying for the excess. The message requiring an answer should be shown as authority for sending the answer "collect."

66 When a "collect" message cannot be collected for on delivery, the receiving office must at once notify the sending office by telegraph, giving the reason therefor.

67 When a person sending a message desires to know that his correspondent has received it, such information may be furnished to him from the manager of the office to which the message is transmitted, by prepayment, at one half the usual rates of a ten word message. On messages desiring such a report the words "Report delivery" must be written after the signature and charged for.

68 The manager of an office receiving such a message for delivery will promptly send a message "collect," not to exceed ten words, giving the information requested.

69 Money refunded for neglect to answer a "Report delivery" message will be reported to the superintendent, and charged against the delinquent.

70 It sometimes occurs that after a message has been left for transmission, circumstances arise to make its recall desirable. This can only be done by the sender's personal application, and in case the message has not actually been transmitted. Great care must be taken to prevent fraud in recalling messages by parties other than the sender.

71 When a person expecting a message at any office is obliged to leave such office before its arrival, and desires it to be forwarded to him at another office, the tolls thereon, except in the case of well known and responsible persons, must be prepaid.

HALF RATE, OR NIGHT MESSAGES.

72 Half rate or "Red" messages are such as do not require, and are understood by

the senders not to require delivery until the following day; or, such as when received on Saturday, delivery is not expected until the following Monday. These messages are required to be written on blanks No. 8, and are called "Red," because printed in that color to distinguish the half-rate night messages from ordinary business.

73 In computing tolls on half-rate messages in order to get the correct amount to be charged, first ascertain the amount which would be chargeable at full rates. One half of such full rate will be the half-rate tolls. No half-rate tolls must, however, be less than twenty-five cents.

Example—15 words at 50 and 3 at full rate would be 65 cents. The tolls on such message at half rates will be 33 cents. A message the tolls on which would be 30 cents at full rate will be sent as a "red" message for 25 cents.

The check of a 10 word half-rate message is "10 paid half-rate."

74 The word "Red" must precede all half-rate night messages in transmitting them.

75 Offices which do not keep open all night must endeavor to transmit all half rate messages on hand to their destinations, or to the nearest repeating offices, before closing, and repeating and press report offices will forward all half-rate messages during the night to their places of destination, or as near thereto as practicable. Nothing in this rule, however, will be understood to prevent the transmission of half-rate messages at any time, before night, when an idle wire or otherwise unoccupied time affords the opportunity. Messages necessarily left over for transmission the next morning shall precede new business, and in transmitting them, full rate messages, known as "blacks" shall precede "reds."

76 Half-rate or "Red" messages are not to be delivered until the day succeeding their date, but shall be delivered as promptly as, and without discrimination from, other messages, after the ordinary delivery of the day begins. When a half-rate message, left for transmission on Saturday, has been received by an office having a regular Sunday delivery service, it will be delivered with equal promptness as other Sunday morning messages.

77 If a half-rate message has been received at the place of its destination, and the person to whom it is addressed calls at the office for it before the time it would ordinarily be delivered as a half-rate message, the message may be delivered on payment of the difference between half rates and full rates. Such payment will be entered under head of "sundry receipts." No change will be made in the time of delivery of half-rate messages not thus specially applied for.

78 Where a half-rate message is received by an office beyond the territorial limits of half-rate business, it will be delivered; but the office sending it will be checked full rates by the office of destination, and the case will be reported to the Superintendent, and noted in the monthly report for collection.

79 The amounts received upon half-rate messages will be checked with and constitute a part of the gross receipts of the day on which they are received for transmission.

FRANKS.

80 Annual franks are issued to certain persons who are entitled to send messages free over the lines of this company. These franks are of two classes:

1.—THE BUSINESS FRANK.

Every business frank bears upon its face:

1. The name of the person to whom it is issued.

2. The territorial limits within which alone it can be used.
3. The character of the business which may alone be sent under it.
4. The number of the frank and the date of its expiration.

81 When a message is offered under a business frank, it must bear upon its face the number of the frank, must be signed by the person to whom the frank was issued and must not exceed the limitations stated thereon. This frank cannot be used to cover in whole, or in part, any message going beyond the territorial limits assigned to it, nor any other class of messages than that designated. The frank must be shown when a message is offered for transmission under it.

82 Managers will be held liable for the tolls on all messages accepted and sent which exceed the limitations of the frank under which they are offered.

83 Business franks cover answers to messages sent under them.

84 Business franks may be used to send free a message over the lines of the Atlantic and Pacific and Franklin Companies, to be given to other lines, provided the point of transfer is within the territorial limits of the frank, and the tolls thereon for other lines are paid.

85 The number of the frank, although required to be noted on the message covered by it, will not be transmitted.

2.—THE COMPLIMENTARY FRANK.

86 Receiving clerks will call the attention of the holder of a frank to any violation of the conditions in respect to territorial limits, or to the business character of a message offered. In doing this, much courtesy and discretion will, of course, be necessary. Gross abuses of the privilege should be reported to the Superintendent.

FREE MESSAGES WITHOUT FRANKS.

87 The official and personal messages of and to the President, Vice-Presidents, Secretary, Treasurer, Librarian, Auditor, General and District Superintendents, and Supply Agent, and official messages passing between the employes of the company, on its service, are not required to be recorded. The mail must be used in all cases where the service will not suffer by the delay.

88 Private messages, strictly urgent and of social character, may be sent free by the Manager of an office, and for employes of the company serving under him, when endorsed by him. Copies of all such messages must be regularly checked and returned with other free business.

89 Messages on Railroad business, when sent between local points on the line of a Railroad Company within which the A. and P. and F. Companies have business relations, will be sent free without a frank; but messages destined for points beyond the line of such road, and passing over other portions of these Companies wires, require a frank.

90 All messages from and to reporters or news agents of such newspapers and newspaper associations as regularly patronize the lines of these Companies, relating to their business as such reporters or agents, and not sent with their reports, and all messages of publishers of such newspapers, relating strictly to their business as newspaper publishers—such as ordering supplies, and other like messages—will, except as hereinafter stated, be charged and collected for at one half commercial rates, and checked at full rates. Offices sending such messages *pre-paid* will return them as refunded, entering in their cash receipts the full tariff, and in refunding account for the uncollected half of the tolls. Offices receiving such messages *collect* will return them in the regular uncollected account. Messages to such reporters or agents,

and answers thereto, ordering special reports by the lines of these Companies, will be sent *free*, and checked *D. H. Ordering Special Report*; and any business communication between such agents, sent with reports and relating thereto, will be counted with and charged for as part of such report. Such other messages between editors and agents, or reporters of such newspapers or newspaper associations as are regular customers of this Company, relating strictly to the transmission of special news reports, may be checked and charged for at same rate per word, and treated in same manner, as special reports between the same points.

THE OPERATING DEPARTMENT.

91 All persons employed in the Operating Department will conform to such regulations as the Manager may deem necessary for the prompt and proper transaction of business.

92 Meal hours must be so arranged as to have the smallest number of operators sent at one time, and at all offices where more than one operator is employed, at least one-half of the force should be on duty during meal hours.

93 Operators not properly qualified to send and receive business must not be assigned to duty, either permanently or temporarily, and only persons of good character, and temperate and correct habits should be employed.

94 All operators employed by this Company must be made to understand that the correct mechanical formation of the letters and spaces of a message, and precise accuracy in all respects, is of far more value than rapidity of transmission, and constant effort should be made to elevate the standard of excellence in this respect.

95 All employés will be held accountable for the accurate performance of their respective duties in the transmission of all dispatches passing through their hands. They will see the necessity, therefore, of exercising the utmost care in reading the original messages correctly, as well as in accurately transmitting and copying them. In all doubtful cases they will use every means in their power to insure correctness.

96 At all offices where line repairers are stationed an operator must be on duty at 7:30 a. m. or earlier, as circumstances may require, to test the wires, and, in case of breaks, crosses, or other interruptions, to direct the repairer to place the lines in working order at the earliest practicable moment. The chief operator, at all terminal points, will test the wires thoroughly, and have the circuits arranged for business by the opening hour for business, as per paragraph 4.

97 Care should be taken to give directions to linemen as definitely as possible, locating accurately the cause of trouble. Whenever a telegraphic order to a lineman is given, and cannot be delivered, *the sending office must be instantly notified thereof.*

98 All operators should be careful to give prompt notice to the chief operator in charge of circuit, of any trouble on line of which they may have knowledge, and information as to cause of trouble, and the movements of Repairmen.

99 Every message is to be accompanied by a number, which numbers will be copied on the message received. Blanks (form 30) are provided for the purpose of keeping a record of message numbers, upon which both sent and received numbers will be carefully checked off.

100 Messages will be numbered from the sending office to the receiving office

on the same circuit only. For example, if Buffalo, in sending Chicago messages has to send to Cleveland for repetition, the numbers will be with Cleveland. Each day's business will be numbered separately—commencing with No. 1. This rule will apply also to Sunday business.

101 In order to prevent delay in the transmission of messages, arising from differences of opinion as to their proper route or mode of counting, the sending office will decide both as to route and as to what constitute single words in a message, and no office shall refuse to receive and forward or deliver any message from any other office; but this rule must not be interpreted to permit errors to pass without correction.

102 If any message is improperly sent, or the mode of counting is erroneous, the Manager of the receiving office will immediately notify his Superintendent, but this notification shall not interfere with the prompt delivery of the message.

103 In transmitting or receiving messages, operators are strictly forbidden to abbreviate words written in full by the sender, or to drop any part of an address.

104 Where periods and other punctuation marks are used, care must be taken to transmit them precisely the same as in the original. When obscure or difficult words occur in messages, the transmission must be slow and distinct. Great caution should be used in the transmission of proper names. They should be written slowly and double the usual space left between the initials. Words containing spaced letters, like C, O, R, Z, should be transmitted with caution, and such letters made plain, separate and distinct.

105 Before opening a key to call another station, adjust the relay carefully, particularly in wet weather, to make sure that no other office is using the line.

106 In calling another office, the signal of the office calling must be given, and care must be taken to see that the relay is adjusted to receive the acknowledgement.

107 The transmission of a message will be in the following order and form:

- 1.—The number.
- 2.—Initial of the operator sending.
- 3.—The check.
- 4.—The place from and date.
- 5.—The address, precisely as written by the sender of the message.
- 6.—The message.
- 7.—The signature.
- 8.—Address, if any, of signature.
- 9.—Special directions, such as, "Reply paid," "By special messenger," "Delivery paid," &c.

108 The time sent, and initial of operator to whom sent, will be endorsed on each message as soon as sent. No message will be regarded as sent which has not been acknowledged.

109 The reception of a message will be as in the transmission, adding thereto the initial of both the sending and receiving operators, endorsing the time of receipt, and acknowledgement by transmitting the signal "O. K." and the initial of the operator and office signal. Operators are particularly cautioned against acknowledging messages when in the least doubt of their correctness.

110 Contesting for circuit is strictly forbidden, and any operator guilty of it should be promptly reported to his Superintendent by any one having knowledge of the fact.

111 Much loss and labor has been caused by the duplication of messages. This

has been occasioned largely by want of care in checking received numbers, and also by delaying or neglecting the endorsements required on messages when sent. This must be avoided with all possible care. The evidence of a message having been sent should be placed thereon the instant transmission is complete.

112 No message must pass through the hands of the receiving operator until he has counted the words and compared them with the check, and otherwise satisfied himself that it is correct, except in case a message is erroneously received from some distant point, where its correction would cause a serious delay. Under such circumstances, the Manager will cause the message to be delivered to the party addressed, with a notation thereon stating that the message is thus delivered, subject to correction afterwards. When a message is thus delivered, the utmost dispatch must be used in securing correction.

113 Extraordinary care must be exercised in sending and receiving repeated and insured messages. The original message must be plainly written, and the sending operator sure that he reads and transmits it correctly. The receiving operator must copy it carefully, and repeat it back over the same circuit before doing any other business. He shall also personally transmit and have repeated to him the message over the next circuit, if any, or see that it is done. A memorandum of the time and circumstances attending the receiving, transmitting, and repeating back, should be written upon the original message, and the return copy must be compared and affixed to the original, a copy being always taken when repetition is made.

114 Whenever an insured or repeated message in course of transmission is stopped by an interruption of the line, the office from which it originated must be promptly notified.

115 Office messages relating to the correction or loss of a message have preference over any other business, but they must not be needlessly sent, and must be expressed briefly, but clearly.

116 The ground wire at intermediate offices must never be used except in cases of breaks in the wire, and then only long enough to enable any message on hand to be transmitted. When a circuit remains open more than one minute use ground wire and report to chief operator that line is open beyond you, giving your signal, and waiting acknowledgement. On reception of acknowledgement, ground wire must be at once removed, unless otherwise ordered.

117 All "Cable messages" must be carefully repeated back to the sending operator by each receiving operator, and in all respects treated according to directions for the transmission of "Repeated" messages.

118 Intermediate or way offices are not permitted to close for the night without first clearing their files, ascertaining from the nearest repeating offices if there is any business for them, and exchanging "G. N."—(good night) therewith.

119 When any office is closed temporarily, or for the night, instruments must be cut out of the circuit, and the switch or cut-off examined to make sure that the circuit is complete through it.

DELIVERY DEPARTMENT.

120 Messengers must, in all cases, be able to read and write, and be appointed upon recommendations, from respectable sources, as to good character and clean and correct personal habits.

121 It is desirable that the compensation of messengers be fixed at a certain rate per message. Where this cannot be properly done, and they receive a fixed salary per week or month, it should be arranged with reference to their being paid a fixed price per message for answers, and after consultation with the District Superintendent as to the amount to be allowed.

122 Messengers must be promptly on hand during all the hours of service appointed for them, when not actually engaged in delivering messages, and their home address must be known to the Manager in case of any special service which may be required of them.

123 Messages for delivery should in all cases be written on the blank form of the Company, provided for the purpose, in ink, on which the name of the office delivering the same, the date, the time of reception, and the initials of the sending and receiving operators must appear. Every message delivered must also bear the check showing the number of words composing the message, whether paid, or collect, and the amount of tolls, if any, due thereon.

124 Messages shall, in all cases, be inclosed in the envelopes of the Company, and be sealed before being handed to the messenger. The address must be fully and plainly written thereon, must show whether paid, or collect, and if answer is desired whether it has been paid for. If any tolls are to be collected, the amount must be written in words, upon the envelope.

125 Messages will be delivered without charge when within half a mile from the office of delivery, and after entry in the messenger's book, must be delivered promptly to the person or firm addressed at the place of delivery named thereon. If the person or persons addressed are absent, the message may be delivered to any agent, clerk, or member of the family who may be at the place of delivery to which the message is directed, who may be able to give receipt therefor. A receipt acknowledging delivery, showing the actual time received, and the name of the person giving receipt must, in all cases, be entered on the receipt blank of the messenger.

126 When a message is received bearing the name of a person without other address it will be delivered, if received during business hours, at his place of business, and after such hours at his residence, if known, or if it can be ascertained.

127 Messages are not allowed to be delivered to janitors or porters of buildings, unless specially requested, or to be slipped under doors, or left where persons are not present to receive and receipt therefor.

128 Messages marked "collect" must be delivered, even if payment be refused.

129 In case a message is received after the place of business of the person to whom it is addressed is closed, and delivery cannot, therefore, be made, the messenger will leave a notice, placed in envelope, and properly addressed, stating that a message has been received bearing the address written thereon, which awaits delivery at the office. This notice, blanks for which are provided by the Company, and with which messengers should at all times be supplied, may be dropped into any letter box which may be provided for such purpose, or slipped under the door. The undelivered message must be promptly returned to the Manager of the office, with reason for returning the same written thereon, and be sent out for delivery at the earliest moment practicable.

130 In the case of a message which cannot be delivered because the place of business to which it is directed is closed, the contents of which, nevertheless, indicate the importance of a speedy delivery, the Manager of an office may, in his

directions, endeavor to deliver the same at the residence of the party addressed, or elsewhere, but in no case, except at the place of original address, *to any other than the person addressed*, whose receipt therefor must be obtained. If delivery is not thus made, the message will be delivered to its original address at the earliest hour practicable.

131 No messenger shall be allowed to open, for any purpose, any message handed to him for delivery, or to allow any person to whom the same is not deliverable, to open the same, or to allow any one to know to whom he is conveying any message, or to answer any question respecting the same conveying any information of whatever character connected therewith, on pain of dismissal.

132 Messengers are not allowed to be sent on errands by parties receiving messages, or to carry messages from parties receiving them to others, but to deliver all messages with diligence as addressed, and return at once to the office.

133 In case of non-delivery of any message because of wrong or inadequate address, the reason must be given by the messenger to the delivery clerk, who will notify the sending office, by telegraph, quoting accurately the address of the message as received, and will also make a record of the same upon the envelope of the undelivered message.

134 Should error be found in comparing addresses at the sending office when a notice as directed is given, the message must be immediately corrected. If otherwise, notice will be given to the writer of the message. If the writer desires the message sent to a new address, payment will be required as for a new message, and a new message shall be sent.

135 Notice of non-delivery applies only to the case of a wrong or inadequate address.

136 Every message requiring an answer which has been paid for, will have the words "Reply paid" plainly written or printed upon both the message and the envelope, and diligent effort will be used to obtain an answer. The absence of notice which is required to be sent when delivery cannot be made is to be regarded as sufficient proof of delivery.

137 It is the duty of messengers, upon the delivery of a message, to inquire if there be any answer thereto, which they will accept when written on the blanks of the Company and paid for. To perform this service efficiently it is essential that messengers at all times will carry with them copies of blank form No. 7, and become familiar with the rates, and be specially instructed in the cost of answers to messages entrusted to them for delivery. Managers are earnestly enjoined to render the message service increasingly intelligent and effective in every particular.

138 All messages will be treated alike, except that "Red" messages will not be delivered until after 8 a. m. of the day succeeding their date, when they shall receive equal attention with other messages.

139 Any messenger detected in mutilating any message or improperly delaying delivery, or who forges any receipt for delivery, or makes a deceptive entry in his books, to indicate delivery when none has been made, will be summarily dismissed.

140 It shall be the duty of the Manager of an office, or of the delivery clerk, to examine the receipt blanks of messengers on their return from each service, and at the close of each day to see that faithful delivery has been made, and that all proper notifications have been given.

141 Principal offices will keep a delivery register book, containing a record of every message received for delivery; the time received and sent out; the number, the person addressed, the name of the messenger, and the fact whether an answer is required or not. At smaller offices notations of these facts must be made upon the copy of the message retained in the office.

ACCOUNTS.

142 All messages must be carefully assorted each day, and those for each office entered by themselves, on record sheets, in the order of consecutive dates.

143 Enter all messages "sent paid," and "received collect," in the column of receipts, and all messages payable at other offices, enter in column of "checks."

144 The column "Other Lines" in checks, is for amounts paid other lines for special delivery, and postage on delivered messages.

145 The total amount of business with each office, for each day, must be footed and entered in "daily total columns" of "receipts" or "checks" or both, as the case may be, and these totals must take the place of figures heretofore entered in the check ledger. The totals for one month, of the daily footings of each office, must be entered in check report, which amount must include all business from the first to the last day of the month inclusive. Sunday business will be entered with that of Saturday, except when Sunday commences the month, in which case Sunday business will be entered with that of Monday. Enter the total number of messages sent, and total number received, each month, on check reports. Check Ogden, Utah, only on the local business of that office.

146 All offices of the Atlantic and Pacific and Franklin Telegraph Companies will check direct with each other. Messages to or from offices not on the lines of these companies will check the office of transfer, dividing the tolls, for "this line" and "other lines." All messages to or from points west of Ogden, Utah, will be checked "Central" as if that were the name of an office. On such business, sent paid, or received collect, enter two thirds of the amount in column for "this line," and one third in column for "other lines." On such business received paid, or sent collect, check this line only two thirds of entire tolls, and enter only the amount paid out, if any, in "other line" column. In this case, the one third will not be entered.

147 A monthly report, on form No. 40, of the business of each office must be made at the close of each month, and be forwarded to the Superintendent not later than the third day of the next succeeding month, accompanied by vouchers for authorized expenditures, and managers must keep a copy of report as rendered. Check and free message reports, on forms Nos. 41 and 42, must also accompany the account current. Superintendents, after carefully examining the reports and approving the vouchers, will forward them to the Auditor for final examination and comparison.

148 Include in statement A, all telegraph receipts, except cable business. Enter cable business, cash from Treasurer, Superintendent or other source, in statement B. Statement A must include receipts as per check report. Also, Market and Stock reports, giving names, rate and period; also, Press reports, giving names of papers, period and rate; also, list of guaranteed messages and acknowledged check errors. For classification of expenses, see instructions on form 40.

149 Managers of offices are prohibited from purchasing or paying out any money for office furniture, repairs of office or anything therein, stationery or supplies, or for

other purpose except to pay fixed monthly salaries of employes, rent of offices, light and fuel.

150 Any outlay for fitting up, refitting, furnishing or re-furnishing of any office, shall be made only by special approval of the Superintendent, who is required to have the sanction of the General Superintendent for such expenditures.

151 A voucher for every authorized expenditure, written upon the blank form provided for this purpose, numbered to correspond with its entry on the monthly account current, and made out so as to fully and clearly explain itself, must be sent with the account current to the Superintendent.

152 Every voucher should be written with ink and signed by the person to whom the payment is due. Vouchers receipted by "his X mark" must be witnessed by some person other than the one disbursing the money.

153 Service vouchers must state the full name of the person paid, the kind of service rendered, the place where it was performed, the amount of time charged for, the dates at which service began and terminated, and the rate of compensation.

154 When a payment is made for part of a month, the time must be computed according to the actual number of days in the month in which the service is performed.

155 Vouchers for livery hire must show the kind of team, the number of hours employed, and the distance traveled.

156 Vouchers for Railroad fare or transportation of materials must show between what stations fare or freight has been paid and in case of materials, what kind, and for what used.

157 Vouchers should not be signed in blank, nor in advance of actual payment.

158 No increase of salaries will be allowed unless previously authorized by the General Superintendent. All salaries must be paid at the close of each month.

159 Whenever a manager vacates his office during the month, he will make up his accounts and pay over to his successor all funds in his hands, and send to his Superintendent a report of such settlement, made up on form 40, with the receipt of his successor for money paid and property delivered.

160 The funds of the Company will be held subject to the order of the Treasurer who will designate places of deposit.

161 In every place where there is an incorporated Bank in good standing, and which has been designated by the Treasurer as a place of deposit, the manager will, unless otherwise directed by the Treasurer, deposit in such bank, daily, all the cash on hand at the close of banking hours, in his name as Office Manager of the Atlantic and Pacific Telegraph Company or Franklin Telegraph Company, as the case may be.

162 Office Managers will make arrangements with such banks, if practicable, to provide drafts on New York for their monthly balances, without charge.

163 All balances due from offices will be remitted to the Treasurer at the close of each month, unless otherwise specially ordered by him. No balances will remain unpaid, but each month's business must be promptly closed up and settled by itself.

164 Promptness in forwarding reports and remittances is required of all managers, and no person will be retained in charge of an office who is remiss in this respect.

165 Remittances to the Treasurer will be made through the mail by draft on New York, payable to the Treasurer's order, by all managers who are able to obtain New York drafts without expense.

166 Managers in places where banking arrangements cannot be effected will remit either currency by express or postal money orders by mail, as shall be most economical.

167 An explanatory letter must be enclosed with every remittance stating on what account it applies.

168 Cable business must be kept separate from ordinary business, and not included on Account Current, Form 40, nor in Check Report, Form 41.

169 If it is impossible for customers to procure gold, accept currency, charging the premium, which will be announced weekly in advance, or on application to the Superintendent.

170 Gold, or its equivalent in currency, received for cable despatches must be deposited in bank, (as per paragraph 161,) and remitted to the Treasurer by draft on New York for the periods ending 7th, 14th, 21st and last day of each month, accompanied by Cable remittance sheet.

171 If gold drafts on New York cannot be procured, remit the coin by express. When currency is received, remittance-sheet must state the gold tariff, the premium on gold and the amount of currency.

172 Gold checks or drafts which cannot be cashed nor deposited in bank must be at once remitted to the Treasurer.

173 At Offices where Cable messages are transferred to the lines of other companies, the Statement of Received Messages on form 52, should show the amount paid out for transmission of each message so transferred.

174 *Coin of light weight must not be accepted.* Where offices are not provided with coin scales, apply to nearest banker for decision in case of doubt.

175 All messages sent free under rent arrangements, whether covered by franks or not, will be checked, and booked as paid. Credit for the amount thereof will be taken in Monthly Report Form 40, as rent, the messages with statement being returned as vouchers.

176 Enter each day's free messages, both sent and received, on a separate sheet, and make up a monthly check report therefrom upon the left hand side of form 42. The right hand side of form 42, is for the statement of free messages sent. The free message check report has no connection with the commercial checks or the accounts current. Through messages repeated at your office will not be put into this report unless received from or forwarded to other lines.

177 At the end of every month each office will make a free message report on Form 42, showing the aggregate amount of free business done, and the total number of free messages sent for any individual, railroad, transportation, express or other company, which, with the originals of all such free messages sent during the month, will be, forwarded to the Superintendent with the regular Monthly Report. The amount of tariff which would have been chargeable, had the message been paid for, and the reason for sending free, will be endorsed upon the message. Managers will not include in their report messages upon railroad business between local points on the line of any road, or those upon the business of the Atlantic and Pacific and Franklin Telegraph Companies, or the official or personal messages of the President, Vice President, Secretary, Treasurer, Electrician, Gen'l and District Superintendents, and Supply Agent, but originals or copies of railroad messages destined for points beyond such road should be included.

178 When collection of charges upon any "Collect" message CANNOT BE MADE, the office from which it was originally sent, if on this line, must be promptly notified by telegraph, stating the reason therefor, and a copy of the message made and sent by mail to the Manager of the office, with the reason for being uncollectible endorsed thereon. The office returning a message WILL IN NO CASE request that it be NOT CHECKED; but the message must be entered upon the books, both at starting point and destination, precisely the same as if collection had been made—credit for the

amount at the receiving office being taken in Account Current in Monthly Report with which the message, or a copy, with reason for being uncollectible, will be returned as a voucher. *A copy of the office message notifying the sending office of failure to collect, must also be sent with the Monthly Report.* The office receiving the notice will, if possible, collect the amount from the sender of the message; in which case the amount collected should be entered in statement A of Account Current, as received from "Guaranteed Messages," and the copy of the message enclosed therewith. In case collection *cannot be made* of the sender, the message, endorsed with the reason, should be enclosed with the monthly report but no account otherwise, will be made of it. Uncollectible press reports will be treated in the same manner, except that a copy of such press report need not be forwarded to the Manager of the office at which it originated.

179 If an uncollectible message originated at any point not on this Company's lines, the connecting office must be promptly notified by TELEGRAPH, in order that collection may be made from "other lines;" the copy *by mail* in such cases, will also be sent to the connecting office.

180 When three or more messages are returned from any office as uncollectible, and three or more messages are accounted for as "guaranteed," separate lists of each must be made, showing the amounts for "this" and "other lines," and the messages as sub-vouchers attached thereto.

181 At offices where business is exchanged with other lines, a separate list must be made, showing the amount refunded by other companies, and upon what messages, and the amounts thus received will be carried into "Account Current" as "refunded from other lines."

182 In entering a message for or from an office on another line, the check must be against the office where it leaves, or is given to, this line.

ERROR SHEETS.

183 Discrepancies in checks will be indicated by monthly error sheets from the Auditor, and in order to secure promptness and correctness in settling errors the following regulations will be applied to all such business:

1st. On receiving the error sheet you will carefully examine your own books and files, and if no errors are found, you will make out a statement on form 65, and send by mail to each office with which you differ.

2d. The Manager, on receiving such statement from any office, will compare it at once with his books, and where a disagreement is found he will give the signature, address and checks of messages causing the difference, and return to the office from which the statement was received, with such explanation as he may be able to give.

3d. In case an answer is not received by due course of mail to statements thus sent, a duplicate of your first statement should be sent, endorsed "second inquiry," and giving the date of the first.

4th. If answer to second inquiry is not received in proper time, a duplicate of your statement will be forwarded to the Superintendent, giving dates of two previous inquiries. Where the amount of business with the office is small, give also the date, address, and signature of each message exchanged.

In case further correspondence is necessary after receiving reply to inquiry, any delay in getting answers should be reported, with particulars.

5th. A memorandum of all correspondence concerning errors should be kept. This may be conveniently done, in most cases, on the margin of record sheets.

ent in Monthly Report collectible, will be re-sending office of failure ce receiving the notice message; in which case Account Current, as re-ange enclosed therewith. dorsed with the reason, ewise, will be made of ner, except that a copy of the office at which it

on this Company's lines, in order that collection es, will also be sent to

y office as uncollectible, " separate lists of each nes," and the messages

es, a separate list must d upon what messages, Current" as "refunded

line, the check must be

y error sheets from the settling errors the fol-

mine your own books ment on form 35, and

y office, will compare it will give the signature, turn to the office from e may be able to give. mail to statements thus ed "second inquiry,"

r time, a duplicate of dates of two previous ill, give also the date,

r reply to inquiry, any

errors should be kept. record sheets.

6th. Special attention will be given deficits caused by a change of check in transmission.

7th. The wires should not be used in settling errors, except in extreme cases.

8th. Postal cards may be used with much advantage, but addresses and signatures of messages must not be written on them.

9th. All inquiries received should be answered immediately—the inquiry, and all papers relating to it, being returned to the office sending it.

184 With proper attention to these instructions, no error should remain unsettled more than thirty days, and in case an error sheet is retained longer than that time, an exact statement of the cause of delay, showing that the fault is not with your office, must be forwarded to the Superintendent; otherwise, managers will be considered responsible for, and be charged with the amount involved.

185 A great source of discrepancies between offices, arises from checks being changed in the transmission of messages.

The following regulations will be adopted in the settlement of such errors

The statement that such a message was "received paid," or "sent collect," will not be accepted as a satisfactory explanation of a deficit, unless accompanied by—

1. A copy of the message as received or sent.

2. A copy of the same, as received at or sent from the office with which it is checked.

3. A statement as to whether an effort has been made to collect for the message (on discovery of the error) and whether, if unable to collect, the other office has been asked to do so, and his reply. The answers of repeating offices (if any) as to the way the message passed them, should also be returned.

186 The first effort, on the discovery of such an error, should be to collect the charges at one of the offices concerned. This can usually be done if action is taken when the error is first discovered.

187 The error sheet must be returned to the Superintendent as soon as possible, with explanations, or money to cover the deficits. Explanations should be written in ink, on a separate sheet, and accompanied by the statements of the disagreeing offices, as vouchers.

188 The amount of acknowledged errors must be entered in statement A of Monthly Account Current giving list of offices, month and amount, which must agree with acknowledgements on error sheets.

189 All messages must be carefully filed, so as to make reference thereto easy and expeditious. Each day's business should be kept separate, and every message marked with a number corresponding to its number in the Register Book. Each day's business, plainly marked, should be enclosed together and labelled. These packages must be retained at least two years, after which they will be disposed of as the Superintendent may direct. Any use of old messages by which their contents are, or may be, exposed to the public, or otherwise than herein directed, is absolutely forbidden.

190 All instruments, relays, keys, switches, or parts of the same, not in use, and all refuse zinc and copper from main or local batteries, and all old books, messages, or other material on hand, must be reported to the Superintendent every quarter.

191 The blanks needed for the composition of the ordinary regular monthly report are as follows:

Form 40.—Monthly report.

41.—Check report.

42.—Free Message Report.

43.—Guaranteed Messages.

Form 44.—Uncollected messages.

" 45.—Blank vouchers.

" 52.—Cable report.

On all of these blanks full instructions are given, and their observance will be rigorously required. The attention of all managers of offices is directed to the necessity of the careful study of, and exact compliance with, all the rules regulating the Companies' service, and especially those relating to accounts.

INSTRUCTIONS AS TO TESTING LINES, ETC.

192 Operators should never open the key without first turning the relay adjusting spring high enough to break the local circuit, in order to make sure that no one else is using the line; and, on calling another office, to have the relay so adjusted as to receive the response.

193 Armatures of relays, and sounders, or registers, should be adjusted so that a piece of writing paper can be passed between the armatures and poles of the magnet when the circuit is closed.

194 Way offices should never put instruments on wires they do not usually work, without instruction from the chief operator in charge of the circuit except in cases of interruption of their regular wires, when they should use any wire that may be working to ask instructions. Putting in relays without orders may destroy the results of tests being made, and if the wire be in use for duplex, quadruplex, or automatic instruments, the addition of another relay may, by its added resistance and induction, seriously disturb the working of the circuit.

195 Orders by proper authority to make changes in wires, should be at once obeyed. In case anything occurs which prevents the carrying out of the order, the person who gave it should be notified at once.

196 Managers of offices should examine and tighten up all screwposts in switches and instruments *daily*; the drying and warping of the wood in which they are fastened, the jar of passing trains, and other causes, are liable to loosen them if they are not carefully attended to. This daily inspection should never be omitted. Instruments should be covered at night, and kept free from dust.

197 Platina points in relays and keys, the latter especially, sometimes become oxydized and fail to connect properly. To cure this, scrape the points, slightly and carefully, and only when *necessary*, with a fine file or knife. Rubbing paper or pieces of wood between the points will not remove the trouble. Watch oil has been recommended as a desperate remedy, but it should never be used, as it soon becomes foul and increases the evil it is designed to cure.

198 Line wires, where they enter the switch, must be labelled with the number of the wire and the direction in which it runs, and the switch-board must be kept scrupulously clean.

199 The main line circuit is composed of the main battery, relays and keys, line wire and the earth. The course of the current may be traced by supposing it to start from the main battery, up through the key and relay, through lightning arrester, to the line; thence along the line wire to the lightning arrester at the intermediate office, through the relay and key, out to line again, to the terminal office, where it passes through arrester, relay, key and battery, to the

ground, and then goes through the earth back to the other pole of the battery from which it started.

200 The local circuit is confined to the office, and is composed of the local battery, relay frame and armature lever, sounder, and the office wire, which connects these together.

201 'No current' on the line, is indicated by the relay magnet failing to attract its armature. Either the line wire is broken, or the batteries at the terminal offices have like poles to the line, or a ground cuts off the main battery, or the leading in wires are crossed, or an office key is open. When the line is broken, the application of a ground wire at an intermediate office will close the circuit and make the relay attract its armature when that portion of the line in which the break is situated is cut off by the ground wire. When putting the ground wire on the eastern side of the instruments causes the instruments to work, the break is east of the office testing, and the current from the western battery returns to earth through the ground wire at the intermediate office. In case the application of the ground wire gives no current either way, the line is either broken on both sides of you, or else is open in your office. As the latter is the most likely to occur, always suspect trouble to be there, and proceed as follows: First open your key, and having moistened the forefinger of each hand place them on the line wires where they enter switch. If you feel the current, the trouble is in your office. It will usually be found in a loose screw-post—either in switch or relay—in screws that fasten wires to the legs of the key, under the table, in loose or dirty circuit breaker of key, in the fine wire under the base of the relay used to connect the screwposts with the coils of the instrument, in an imperfect connection made by loose button or plug in switch, or in flexible wire used to connect instruments to switch. If found in neither of these places, which are easily accessible, and can be examined in less than a minute, the trouble will be found in the wires that connect the instruments together, in which case a more careful search will probably reveal the cause of the trouble.

202 Crossed wires are indicated by the lines in trouble working together, so that writing sent on one wire returns on the other, more or less completely. A way office can locate a cross by having other offices on the wire open it in turn while he writes on the other. The cross is located between the two contiguous offices, one of whom, by opening the wire, causes the writing sent on the other to disappear; and the other of whom, opening the wire, has no effect on the writing passing through the cross. The cross is, in the first place, decided to be east or west of the office testing by noticing from which side the writing from other offices seems to be most interrupted by the trouble. A way office having two or more wires passing through it, will be frequently called upon by the terminal offices to open a wire, and say when open. This service should be performed promptly, and the line must *not be reported open until it really is*, and when closed, it must be reported closed in the same manner. If the line wires in the office touch each other, or a piece of metal or a damp wall or board, separate them carefully, and remove them from any substance they may touch, as either of above causes may produce a cross.

203 In wet weather most lines are subject to some slight escape, which is usually equally distributed over the whole line. In this case adjust the relay spring higher for distant offices, and lower for those that are nearer. If the escape is so heavy that it can be worked over with difficulty, or not at all, it

must be tested for in the following manner: The current will traverse the fault, and go to the earth through the leak, and thence back to the battery, even if the keys beyond the escape be open. An escape is readily located by requesting offices to open their keys in turn, and adjusting down, to see if there is any current on the line while the key is opened. The escape is always between two contiguous offices, one of whom opening his key, the escape disappears, and the other of whom, opening, leaves the current weakened but not open. If you are at a way office having two or more wires passing through, you may frequently be requested by chief operator at terminal office to open a wire while he tests for escape. Proceed as described in paragraph 204 until he tells you to close it. If you have only one wire in your office, open the key for half a minute, and then close it. The escape may be in your office, caused by wire, switch or instruments, touching moist or metallic lead substance connecting with the earth. Examine office connections carefully if the trouble is near your office.

201 "Open No.—." This is best done in the switch formed of two flat brass springs and a plug between them, by inserting a wad of paper, penholder, or other dry non-metallic substance between the springs; in some switches removal of a peg or turning a button, answers the same purpose. In case you have any doubt about the way the switch works, remove the line wire from the screw-post at the top of the switch altogether. If you have but one wire, leave the key open half a minute and then close it.

205—"Ground No.—north, and leave southern end open." This is best done by removing the southern line wire from the screw-post at the top of the switch and putting the ground wire in its place. If the southern end of the wire is not required to be left open, the order will simply be "Ground No.—," which can be done by putting the ground wire in the same screw-post with either of the line wires.

206 "Cross-connect No. 1 and No. 2." This means to connect No. 1 south to No. 2 north, and No. 2 south to No. 1 north, or so that the wires will work through. The simplest way to do this, is to take No. 1 north and put it in screw-post where No. 2 north is, then put No. 2 north in screw-post where No. 1 north was.

207 "Straighten Nos.—and—." This means to restore the wires to their usual condition, and may mean, take ground off, close circuit, or anything that may countermand any change that has been ordered.

DIRECTIONS TO REPAIRMEN.

208 All persons appointed as local repairers are required to be men of good character, and of sober and civil habits. It is necessary, also, that they should be men of sound health, and to have had experience by previous service in building, reconstruction or repair of lines.

209 They will be expected to keep themselves provided at all times, and at their own cost, with plyers, vises, climbers and hutchets—other tools being furnished by the Company.

210 Repairmen are required when not actually engaged upon the line, to be at all times, day and night, accessible to the Manager of the Station at the place to which they have been appointed, and to have all tools and materials neces-

sary for repairs in such readiness that they can start on the instant when notified of trouble.

211 Repairmen are required to have on hand at all times, a proper supply of wire, insulators, pins, brackets and arms, the wooden fixtures, arms and brackets to be well painted and ready for immediate use, and to notify the Superintendent promptly when additional tools and materials are needed.

212 In proceeding to any break or cause of trouble, or in returning therefrom, repairers are required to keep the line in sight, riding, when on railroad cars, on the rear platform, for that purpose. They are required to keep themselves informed of every defect of insulation, of all glasses broken or removed, of all contacts with foliage, of wires hanging low across roadways, of leaning poles, kite strings and everything likely to interfere with the perfect working of the line, and to remove every such fault at the earliest possible moment.

213 Brackets not be nailed on any level support exposed to weather, nor are nails to be used to hold insulators in place.

214 When a lineman has been sent to remove trouble, he should go to the first break, remove any obstacle he may find, as thoroughly and promptly as possible, noting down a description of the work, and the place where and the time when it was done; then proceed to the station beyond and ask instructions, unless he has already met the repairman from the next repair station and finds that communication is complete. On arriving at a break, and before restoring connection, he can usually prove the condition of the wire beyond by placing his tongue to the broken ends. If a good current is found beyond, he will, ordinarily, return to the station. In ordinary cases linemen are instructed to make the repair of the line perfect at the time—making the joints with great care, putting on any needed insulation, drawing up wires well and with even curvature. But all such work must be done quickly, so as to permit prompt repair of a possible break beyond or return to the station. If, for any reason, the work has to be done imperfectly, it must be reported to the person from whom his orders were received, stating the work still necessary, and why left unfinished.

215 After any extraordinary injury to the line, such as may follow a storm of sleet, or other casualty, should a lineman not be able to make proper repairs by himself it will be his duty, after making such temporary repairs as to secure communication, to proceed to the next station and telegraph for assistance. If communication cannot be restored without aid, it must, if possible, be obtained on the spot at once, without waiting for aid or instructions, but with care and discretion as to cost.

216 Repairmen will render a monthly report to their superintendent, on form 51. This must be carefully made up, showing cost of "service" and "expense" separately, the vouchers being prepared in accordance with paragraphs 151 to 158 inclusive, and must be accompanied by a copy of the orders received from chief operator or other proper authority, upon which expense has been incurred. No part of expense for repairs of lines must be included in reports of office managers.

NUMBERS OF BLANK FORMS.

- 1 Estimate for Construction and Repairs.
- 2 " " Funds, and Requisition.
- 3 Service Report.
- 4 Requisition for Supplies.
- 5 Invoice and Receipt for Supplies.
- 6 Report of Construction or Repairs completed.
- 7 Full rate "sent" message.
- 8 Half " " "
- 9 Cable " "
- 10 Full rate "received" message.
- 11 Half " " "
- 12 Cable " "
- 13 Press Message.
- 14
- 15
- 16
- 17
- 18
- 19 Number Sheet, Receiving to Operating Dept.
- 20 Daily Record of Messages.
- 21
- 22
- 23
- 24 Branch Office daily cash Report.
- 25 " " monthly statement.
- 26 Main office weekly cash "
- 27
- 28
- 29
- 30 Number sheet for operators, large and small.
- 31 " " Operating to Delivery Department.
- 32 Delivery register book.
- 33 Number Sheet, messenger's receipt for delivery.
- 34 Messengers notice of non-delivery and request to call.
- 35 Undelivered messages, notice by postal card.
- 36 Delay Sheet,
- 37
- 38
- 39
- 40 Manager's monthly report and account current.
- 41 " " Check report.
- 42 " " Free message Report.

- 43 Statement of Guaranteed messages.
- 44 " " uncollected refunded or half rate messages.
- 45 Voucher, bill and receipt.
- 46 Monthly remittance to Treasurer.
- 47 Cable " " "
- 48 Bill heads, (Franklin, A. & P., A. & P. & F.,) large and small.
- 49 Customers due bills.
- 50
- 51 Repairers monthly report of disbursements and work done.
- 52 Cable monthly report.
- 53 " Check "
- 54 " daily record.
- 55 Supt's monthly report and account current.
- 56 Bond.
- 57 Discharge.
- 58
- 59
- 60 Auditors statement of Commercial or Free error sheet.
- 61 " " " uncollected messages.
- 62 Commercial error sheet, large and small.
- 63 Free messages " " " " "
- 64 Uncollect message slip.
- 65 Error sheet inquiries.
- 66 Error replies, large and small.
- 67 Supt's statement of error sheets returned to auditor.
- 68
- 69
- 70
- 71
- 72
- 73
- 74
- 75 Inventory of property large and small,
- 76 Annual statistical report.
- 77
- 78
- 79
- 80 Letter heads, Executive office.
- 81 " Gen'l and Dist. Supts. Atlantic Division,
- 82 " " " " " Central Division,
- 83 " Supply Dept.
- 84 " Auditor.
- 85 " Office Manager's, Note and Letter
- 86

87	
88	Official postal cards.
89	Envelopes, Large, official.
90	" Small, "
91	" Large, managers.
92	" Small, "
93	" Message.
94	
75	
96	
97	
98	
99	
100	

Adm
A. &
*A.
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B. &
C. &
C. &
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D. &
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R. &
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*Ur
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W.

ABBREVIATIONS

*used to indicate the Names of Telegraph and
Railroad Companies.*

Adr.....	Adirondack R. R. Co.
A. & S.....	Albany & Susquehanna R. R. Co.
*A. T.....	American Telegraph Co.
A. & Y.....	Ashtabula & Youngstown R. R. Co.
B. P. & N. Y.....	Buffalo, Philadelphia & New York R. R. Co.
B. & M.....	Burlington & Missouri River R. R. Co.
C. & St. L.....	Cairo & St. Louis R. R. Co.
C. S.....	Canada Southern R. R. Co.
C. P.....	Central Pacific R. R. Co.
D. & H. C.....	Delaware & Hudson Canal Co.
Deseret.....	Deseret Telegraph Co.
*D. L. & L. M.....	Detroit, Lansing & Lake Michigan R. R. Co.
*Dom. Tel.....	Dominion Telegraph Co.
G. R. & I.....	Grand Rapids & Ind. R. R. Co.
N. & N. T.....	Nevada & Northern Telegraph Co.
N. S. T.....	North Shore Telegraph Co. (of Long Island.)
*P. R. & P.....	Philadelphia, Reading & Pottsville Tel. Co.
P. L.....	Private Line.
R. M.....	Rocky Mountain Telegraph Co.
R. & O.....	Rondout & Oswego R. R. Co.
*T. L.....	(This Line) Atlantic & Pacific and Franklin.
*Union T.....	Union Telegraph Co.
*U. I. & E.....	Utica, Ithaca & Elmira R. R. Co.
W. & R.....	Wilmington & Reading R. R. Co.

The tariff rates are classified as **LOCAL, SPECIAL, SQUARE and STATE rates.**

1 LOCAL RATES between offices distant from each other not more than 25 miles (air line distance) 25 and **2. Over twenty-five and not exceeding fifty miles** (air line distance) 30 and 2.

It is the duty of an office manager to carefully ascertain the names of all offices within twenty-five and within fifty miles from his office, and apply the Local Rates thereto, unless otherwise specially instructed.

2 SPECIAL RATES apply to important offices where the business may be sufficiently large to justify a lower tariff than the Square, Local or State Rate, and must not be adopted unless authorized by special instructions from Superintendent.

3 SQUARE RATES can be ascertained by referring to the amount shown in the "Square Sheet," opposite the square number of the office for which the rate is desired.

4 STATE RATES apply only between states remote from each other, and without reference to Square Rates. They are to be used by all A. and P. Franklin, and Central Pacific offices, and by offices on connecting lines only where the Western Union Company has an office.

5 FOR OFFICES ON OTHER LINES, the Other Line rate should be added to the rate for this line to the place of transfer, except in cases where special instructions are given for computing the tariff.

6 HALF-RATE MESSAGES may be accepted at all A. and P. and F. offices east of Nebraska; for all offices on the lines of the connecting companies marked * in the list of abbreviations, for offices in Nebraska marked * and for any point on A. & S. R. R. and B. P. & N. Y. R. R. at which the Western Union Co. has an office. They must not be accepted for any office west of Nebraska.

The tariff on half-rate messages between offices of the A. and P. and F. Co.'s must not be less than 25c.

The tariff on half-rate messages between A. and P. and F. offices and offices of connecting companies must not be less than 25c. for each company, except that a higher tariff must not be charged than that of the Western Union Company between the same points, nor must a higher rate than the day rate be charged in any case.

TARIFF FOR ADDITIONAL WORDS.

20 Cents.			
25 "			
30 "			
35 "			
	2 Cents.	175 Cents.	12 Cents.
		180 "	
		185 "	
40 "		190 "	
45 "	3 "	195 "	13 "
50 "		200 "	
55 "		205 "	
60 "	4 "	210 "	14 "
65 "		215 "	
70 "		220 "	
75 "	5 "	225 "	15 "
80 "		230 "	
85 "		235 "	
90 "	6 "	240 "	16 "
95 "		245 "	
100 "		250 "	
105 "	7 "	255 "	17 "
110 "		260 "	
115 "		265 "	
120 "	8 "	270 "	18 "
125 "		275 "	
130 "		280 "	
135 "	9 "	285 "	19 "
140 "		290 "	
145 "		295 "	
150 "	10 "	300 "	20 "
155 "		305 "	
160 "		310 "	
165 "	11 "	315 "	21 "
170 "		320 "	

For instructions as to STATE RATES, see page 34.

Between offices in NEW HAMPSHIRE, MASSACHUSETTS, RHODE ISLAND and CONNECTICUT, and offices in :

California.....	\$2.50	Nevada.....	\$2.50
Colorado.....	2.50	Utah.....	2.50
Iowa.....	2.00	Wyoming.....	2.50
Missouri.....	2.00	Portland, Oregon.....	2.50
Nebraska.....	2.50		

Between offices in NEW YORK, NEW JERSEY, PENNSYLVANIA, DELAWARE, MARYLAND, DISTRICT OF COLUMBIA, and WEST VIRGINIA, and offices in :

California.....	\$2.50	Utah.....	\$2.50
Colorado.....	2.50	Wyoming.....	2.50
Nebraska.....	2.00	Portland, Oregon.....	2.50
Nevada.....	2.50		

Between offices in OHIO and MICHIGAN, and offices in :

California.....	\$2.50	Utah.....	\$2.50
Colorado.....	2.00	Wyoming.....	2.00
Nevada.....	2.50	Portland, Oregon.....	2.50

Between offices in INDIANA, ILLINOIS and WISCONSIN, and offices in

California.....	\$2.50	Utah.....	\$2.00
Nevada.....	2.50	Portland, Oregon.....	2.50

Between offices in IOWA and MISSOURI, and offices in :

California.....	\$2.50	Nevada.....	\$2.50
Connecticut.....	2.00	Rhode Island.....	2.00
Massachusetts.....	2.00	Utah.....	2.00
New Hampshire.....	2.00	Portland, Oregon.....	2.50

Between offices in NEBRASKA, and offices in :

California.....	\$2.50	New Jersey.....	\$2.00
Connecticut.....	2.50	New York.....	2.00
Delaware.....	2.00	Pennsylvania.....	2.00
District of Columbia.....	2.00	Rhode Island.....	2.50
Maryland.....	2.00	West Virginia.....	2.00
Massachusetts.....	2.50	Portland, Oregon.....	2.50
New Hampshire.....	2.50		

Between offices in COLORADO and WYOMING and offices in :

Connecticut.....	2.50	New Jersey.....	\$2.50
Delaware....	2.50	New York.....	2.50
District of Columbia.....	2.50	Ohio.....	2.50
Maryland.....	2.50	Pennsylvania.....	2.50
Massachusetts.....	2.50	Rhode Island.....	2.50
Michigan.....	2.50	West Virginia.....	2.50
New Hampshire.....	2.50		

Between offices in UTAH, and offices in :

Connecticut.....	\$2.50	Missouri.....	\$2.00
Delaware.....	2.50	New Hampshire.....	2.50
District of Columbia.....	2.50	New Jersey.....	2.50
Illinois.....	2.00	New York.....	2.50
Indiana.....	2.00	Ohio.....	2.50
Iowa.....	2.00	Pennsylvania.....	2.50
Maryland.....	2.50	Rhode Island.....	2.50
Massachusetts.....	2.50	West Virginia.....	2.50
Michigan.....	2.50	Wisconsin.....	2.00

Between offices in CALIFORNIA, and NEVADA, and offices in :

Connecticut.....	\$2.50	New Hampshire.....	\$2.50
Delaware.....	2.50	New York.....	2.50
District of Columbia.....	2.50	New Jersey.....	2.50
Indiana.....	2.50	Nebraska.....	2.50
Illinois.....	2.50	Ohio.....	2.50
Iowa.....	2.50	Pennsylvania.....	2.50
Massachusetts.....	2.50	Rhode Island.....	2.50
Maryland.....	2.50	West Virginia.....	2.50
Michigan.....	2.50	Wisconsin.....	2.50

CALIFORNIA.

Messages received *collect* from California must be charged for, and checked at the rate of \$2.75 and 18.

For instructions as to manner of checking business to and from Central Pacific Lines, see Rule No. 146.

The Post Office address of "Central" is Ogden, Utah.

Square.	OFFICES.	Name of Company.	RATE.		Leaves this Line.
			This Line	Other Line	
	Alameda.	C. P.			Central.
	Alameda Wharf.	do.			do.
	Alta.	do.			do.
	Altamont.	do.			do.
	Arbourn.	do.			do.
	Anaheim.	do.			do.
	Alpha.	do.			do.
			One-third of California rate is for Other Lines. Check "Central."		
			Two-thirds of the California rate is for This Line.		
	Bantas.	C. P.			Central.
	Belmont, San Mateo Co.	do.			do.
	Biggs Station.	do.			do.
	Blue Canon.	do.			do.
	Boca.	do.			do.
	Brighton, Sacramento Co.	do.			do.
	Brooklyn.	do.			do.
	Bronco.	do.			do.
	Bakersfield.	do.			do.

CALIFORNIA.

Square.	OFFICE.	Name of Company.	RATE.		Leaves this Line.
			This	Line. Other Line	
	Castroville.	C. P.			Central.
	Chico.	do.			do.
	Cisno.	do.			do.
	Colfax.	do.			do.
	Cottonwood.	do.			do.
	Caliente.	do.			do.
	Downey City.	C. P.			Central.
	Delano.	do			do.
	Ellis.	C. P.			Central.
	Emigrant Gap.	do.			do.
	Elk Grove.	do.			do.
	El Monte.	do.			do.
	Fresno	C. P.			Central.

Two-thirds of the California rate is for This Line.

One-third of the California rate is for Other Lines. Check "Central."

CALIFORNIA.

Square.	OFFICES.	Name of Company.	RATE.		Leaves this Line
			This Line.	Other Line.	
	Galt.	C. P.			Central.
	Gilroy.	do.			do.
	Gold Run.	do.			do.
	Goshen.	do.			do.
	Hollister.	C. P.			Central.
	Haywards.	do.			do.
	Laddeville.	C. P.			Central.
	Lathrop.	do.			do.
	Livermore.	do.			do.
	Lincoln.	do.			do.
	Los Angeles.	do.			do.
	Yuba.	do.			do.

Two-thirds of the California rate is for This Line.

One-third of the California rate is for Other Lines. Check "Central."

CALIFORNIA.

s Line

Square.	OFFICES.	Name of Company.	RATE.		Leaves this Line.
			This Line.	Other Line.	
	Marysville.	C. P.			Central.
	Mayfield.	do.			do.
	Melrose.	do.			do.
	Merced.	do.			do.
	Menlo Park.	do.			do.
	Mojave.	do.			do.
	Midway.	do.			do.
	Modesto.	do.			do.
	Mountain View.	do.			do.
			Two thirds of the California rate is for This Line.	One-third of the California rate is for Other Lines. Check "Central"	
	Niles.	C. P.			Central.
	Nord.	do.			do.
	Newcastle.	do.			do.
	Norwalk.	do.			do.
	Oakland.	C. P.			Central.
	Oakland Wharf.	do.			do.
	Oakland Point.	do.			do.

CALIFORNIA.

Square.	OFFICES.	Name of Company	RATE.		Leaves this Line.
			This Line.	Other Line	
	Pajaro.	C. P.			Central.
	Penryn.	do.			do.
	Pleasanton.	do.			do.
	Prosser Creek.	do.			do.
	Red Bluff.	C. P.			Central.
	Redding.	do.			do.
	Redwood City.	do.			do.
	Rocklin.	do.			do.
	Roseville Junction.	do.			do.
	Sacramento.	C. P.			Central.
	San Francisco.	do.			do.
	San Jose.	do.			do.
	San Leandro.	do.			do.
	San Mateo.	do.			do.
	Santa Clara.	do.			do.
	Sargents.	do.			do.
	Sesma.	do.			do.
	Sheridan.	do.			do.
	Simpsons.	do.			do.
	Soledad.	do.			do.
	Stockton.	do.			do.

One-third of the California rate is for Other Lines. (Check "Central.")

Two-thirds of the California rate is for This Line.

CALIFORNIA.

Line.	Square.	OFFICES.	Name of Company.	RATE.		Leaves this Line.
				This Line.	Other Line.	
		Summitt.	C. P.			Central.
		San Bernardino.	do.			do.
		San Fernando.	do.			do.
		Spadra.	do.			do.
		Sunol.	do.			do.
		Summit Valley.	do.			do.
		Salinas.	do.			do.
		Sumner.	do.			do.
				One-third of the California rate is for Other Lines. Check "Central."		
		Tehama.	C. P.			Central.
		Truckee.	do.			do.
		Tulare.	do.			do.
		Tres Pinos.	do.			do.
		Turlock.	do.			do.
		Tehachapo.	do.			do.
				Two-thirds of the California rate is for This Line.		
		Watsonville.	C. P.			Central.
		Wheatland.	do.			do.
		Wilmington.	do.			do.

COLORADO.

Square.	OFFICES.	Name of Company.	RATE.		Leaves this Line.
			This Line.	Other Line	
557	Boulder City.	R. M.	25	2	Denver, Col.
565	Carlton.	R. M.	25	2	Denver, Col.
557	Central City.	R. M.	25	2	do.
557	Denver.	T. L.			
557	Fort Collins.	T. L.			
565	Georgetown.	R. M.	25	2	Denver, Col.
557	Gold Hill.	R. M.	25	2	do.

COLORADO.

Square	OFFICES.	Name of Company	RATE.		Leaves this Line
			This Line	Other Line	
536					
567	Longmont.	T. L.			
557	Morrison.			25 2	Denver, Col.
565	Nederland.	R. M.		25 2	Denver. Col.
565	Salina.	R. M.		25 2	Denver, Col.
567	St. Louis.	T. L.			(Post Office address, Big Thompson, Col
565	Sunshine.	R. M.		25 2	Denver, Col.
565	Silver Plume.	R. M.		25 2	Denver, Col.

CONNECTICUT.

Square.	OFFICES.	Name of Company.	RATE.		Leaves this line.
			This line.	Other line.	
37	Bethel,	T. L.			
37	Bridgeport,	do.			
	Black Rock,	do.		15	1 Bridgeport, Ct.
29	Colchester,	T. L.			
	Durham,			25	Delivery from Middlefield Ct.
37	East Bridgeport,	T. L.			Check Bridgeport, Ct.
	Enfield,	do.		1 50	Delivery from Warehouse Point, Ct.
29	Fair Haven,	T. L.		12c.	Delivery from New Haven, Ct.
32	Farmington,	do.			
	Greenville,			No charge for delivery	Check Norwich, Ct.
29	Groton,				Delivery from New London, Ct.
32	Hartford,	T. L.			
29	Meriden,	T. L.			
29	Middlefield,	do.			
29	Middletown,	do.			
29	Montville,	do.			Check Uncasville, Ct.

CONNECTICUT.

Square.	OFFICES.	Name of Company.	RATE.		Leaves this Line.
			This Line.	Other Line.	
29	New Britain.	T. L.			
29	New Haven.	do.			
20	New London.	do.			
37	Norwalk.	do.			
29	Norwich.	do.			
25	Plainfield.	T. L.			
	Portland.				25 Delivery from Mid- dletown, Ct.
	Turnerville.				Stage from Colches- ter, Ct.
37	South Norwalk.				20 Delivery from Nor- walk, Ct.
29	Uncasville.				
37	Sharp's Rifle Works.				Check Bridgeport, Ct.
29	West Meriden.	T. L.			Check Meriden, Ct.
32	Warehouse Point.	do.			
37	Waterbury.	do.			
	Winnepauk.	do.			25 Delivery from Nor- walk, Ct.
	West Norwalk.	do.		2 00	Delivery from Nor- walk, Ct.

DELAWARE.

Square.	OFFICES.	Name of Company.	RATE.		Leaves this Line.
			This Line.	Other Line.	
	Duponts.	W. & R.		25 2	Wilmington, Del.
	Greenville.	W. & R.		25 2	Coatesville, Pa.
67	New Castle.	T. L.			
67	Wilmington.	T. L.			

DISTRICT OF COLUMBIA.

Square.	OFFICES.	Name of Company.	RATE.		Leaves this Line.
			This Line.	Other Line.	
77	Georgetown.	T. L.			Check Washington, D. C.
77	Washington.	T. L.			

IDAHO.

Square.	OFFICES.	Name of Company.	RATE.		Leaves this Line.
			This Line.	Other Line.	
	Boise City.	N. & N. T.		1 25	8 CENTRAL. From Winnemucca, Nev. (A. & P. gets $\frac{2}{3}$ of rate to Win- nemucca, Nev.)
	Empire.	do.		1 25	8 CENTRAL. From Winnemucca, Nev. (A. & P. gets $\frac{2}{3}$ of rate to Win- nemucca, Nev.)
	Franklin.	Deseret.		75	30 —for 10 words, and —for each additional 5 words, or less, from Salt Lake City
	Fairview.	N. & N. T.		1 50	10 CENTRAL. From Winnemucca, Nev. (A. & P. gets $\frac{2}{3}$ of rate to Win- nemucca, Nev.)
	Idaho City. (No office— via Silver City.)	N. & N. T.		1 25	8 CENTRAL. From Winnemucca, Nev. (A. & P. gets $\frac{2}{3}$ of rate to Win- nemucca, Nev.)
	South Mountain,	N. & N. T.		1 25	8 CENTRAL. From Winnemucca, Nev. (A. & P. gets $\frac{2}{3}$ of rate to Win- nemucca, Nev.)
	Summit Springs.	N. & N. T.		1 25	8 CENTRAL. From Winnemucca, Nev. (A. & P. gets $\frac{2}{3}$ of rate to Win- nemucca, Nev.)
	Silver City.	N. & N. T.		1 25	8 CENTRAL. From Winnemucca, Nev. (A. & P. gets $\frac{2}{3}$ of rate to Win- nemucca, Nev.)
	Sheep Ranch.			2 00	13 CENTRAL. From Winnemucca, Nev. (A. & P. gets $\frac{2}{3}$ of rate to Win- nemucca, Nev.)

ILLINOIS.

Square.	OFFICES.	Name of Company.	RATE.		Leaves this Line.
			This Line.	Other Line.	
328	Altamont.	T. L.			
238	Ava, Jackson Co.	C. & St. L.	50	3	St. Louis, Mo.
	Alto.	do.	60	4	Do. do.
307	Baltimore Junction. Baldwin.	T. L. C. & St. L.	40	3	P.O. address B. & O. R. R. Chicago Div. St. Louis, Mo.
329	Cairo.	C. & St. L.	25	2	St. Louis, Mo.
307	Chicago.	T. L.			
	Columbia.	C. & St. L.	25	2	St. Louis, Mo.
	Campbell Hill.	do.	45	3	Do. do.

ILLINOIS.

Square.	OFFICES.	Name of Company.	RATE.		Leaves this Line.
			This Line.	Other Line.	
348	East St. Louis, East Grondelet.	T. L. C. & St. L.	25	2	St. Louis, Mo.
357	Geneseo.	T. L.			
367	Joliet Joni	T. L. C. & St. L.	60	4	St. Louis, Mo.
367	Kingston.	T. L.			Post-office address, South Chicago, Cook Co., Ill.
336	La Salle.	T. L.			
317	Morris.	T. L.			
367	Moline.	do.			
	Murphysboro.	C. & St. L.	60	4	St. Louis, Mo.
348	National Stock Yards.				Check East St. Louis, Ill.

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ILLINOIS.

Square	OFFICES.	Name of Company.	RATE.		Leaves this Line.
			This Line.	Other Line.	
317	Ottawa.	T. L.			
	Percy.	C. & St. L.	45	3	St. Louis, Mo.
367	Rock Island.	T. L.			
	Red Bud.	C. & St. L.	30	2	Do do.
336	Sheffield, Bureau Co.	T. L.			
317	Streator.	do.			
	Sparta.	C. & St. L.	40	3	St. Louis, Mo.
207	Union Stock Yards.	T. L.			

ILLINOIS.

Square.	OFFICES.	Name of Company.	RATE.		Leaves this Line.
			This Line	Other Line.	

307	Washington Heights, Cook Co.	T. L.			
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Waterloo.		C. & St. L.			
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St. Louis, Mo.

INDIANA.

Square.	OFFICES.	Name of Company.	RATE.		Leaves this Line.
			This Line.	Other Line.	
241	Avilla.	T. L.			
241	Anburn.	do.			
241	Auburn Junction.	A. T.	50	3	Detroit, Mich.
	Angola.	do.	75	5	Do. do.
241	Albion.	T. L.			
241	Adams.	G. R. & I.	50	3	Detroit, Mich. Kalamazoo Mich.
280	Bremen.	T. L.			
280	Cromwell.	T. L.			
	Decatur.	G. R. & I.	75	5	Detroit, Mich.
261	Fort Wayne.	A. T.	50	3	Detroit, Mich.
	Fremont.	do.	75	5	Do. do.
241	Garrett, De Kalb Co.	T. L.			
	Geneva.	G. R. & I.	60 75	4 5	Kalamazoo, Mich. Detroit Mich.
	Huntertown.	G. R. & I.	50 65	3 4	Kalamazoo, Mich. Detroit, Mich.
261	Kendallville.	G. R. & I.	40 50	3 3	Kalamazoo, Mich. Detroit, Mich.

INDIANA.

Square.	OFFICES.	Name of Company.	RATE.		Leaves this Line.
			This Line.	Other Line.	
271	Logansport.	T. L.			
	La Grange.	G. R. & I.	35	2	} Kalamazoo Mich.
			50	3	} Detroit, "
	Lima.	do.	35	2	} Kalamazoo, "
			50	3	} Detroit, "
	Lynn.	do.	90	6	} Kalamazoo, "
			75	5	} Detroit, "
288	Millers.	T. L.			Post-office address, Union Mills, La- porte Co., Ind.
288	Michigan City, Kosciusko Co.	do.			
280	Milford Junction.	do.			
	Newport.	G. R. & I.	75	5	} Kalamazoo, Mich.
			90	6	} Detroit, "
	New Era.	A. T.	75	5	do "
	Pleasant Lake.	A. T.	75	5	Detroit, Mich.
	Portland	G. R. & I.	75	5	} Kalamazoo, Mich.
			60	4	} Detroit, Mich.
242	Richmond.	G. R. & I.	50	3	} Detroit, Mich.
			50	3	} Kalamazoo, "
252	Ridgeway.	do.	50	3	} Detroit, "
			50	3	} Kalamazoo, "

INDIANA.

Square.	OFFICES.	Name of Company.	RATE.		Leaves this line.
			This line.	Other line.	
	Swan's.	{ G. R. & I.		50 65	3 4 } Detroit, Mich. Kalamazoo, Mich.
241	St. Joe, De Kalb Co.	T. L.			
288	Suman.	do.			Post-office address Jackson Centre, Porter Co., Ind.
280	Syracuse.	T. L.			
280	Union Mills, Laporte Co.	do.			
241	Waterloo.	T. L.			
280	Walkerton.	do.			
252	Winchester.	{ G. R. & I.		50 50	3 3 } Detroit, Mich. Kalamazoo, Mich.

IOWA.

Square.	OFFICES.	Name of Company.	RATE.		Leaves this Line.
			This Line.	Other Line.	
445	Atlantic.	T. L.			
445	Avoca.	do.			
464	Council Bluffs.	do.			
367	Davenport.	do.			
426	Des Moines.	do.			
	Ewart.	P. L.		25 2	Grinnell, Iowa.
407	Grinnell.	do.			
387	Iowa City.	do.			

IOWA.

Square.	OFFICES.	Name of Company.	RATE.		Leave this Line.
			This Line.	Other Lines.	
387	Marengo.	T. L.			
	Montezuma.	P. L.		25 2	Grinnell, Iowa.
407	Newton.	T. L.			
426	Stuart	T. L.			
367	Wilton.	T. L.			P. O. address, Wilton Junction, Musca- tine, Iowa.

MARYLAND.

Square.	OFFICES.	Name of Company.	RATE.		Leave this Line.
			This Line.	Other Lines.	
85	Baltimore.	T. L.			
85	Odenton.	do.			
85	Towsontown.	do.			

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Iowa.

ress, Wilton
on, Musca-
owa.

MASSACHUSETTS.

Square.	OFFICES.	Name of Company.	RATE.		Leaves this Line.
			This Line.	Other Lines.	
28	Athol.	T. L.			
21	Boston.	T. L.			
21	Boston Highlands.			25	Delivery from Boston, Mass.
21	Brighton.	T. L.			
32	Barrett's Junction.	do.			Post-office address, Three Rivers, Mass.
	Border City.			38	Delivery from Fall River, Mass.
21	Cambridge.			25	Delivery from Boston, Mass.
21	Charlestown.			25	Tariff 15 and 1 more than to Boston, but charge no more than local square or state rate. Check Boston, Mass.
	Cherry Valley.	P. L.		15	1 Worcester, Mass.
21	Chelsea.			25	Delivery from Boston, Mass.
32	Enfield.	T. L.			
21	East Boston.			25	Delivery from Boston, Mass.
21	East Cambridge.			25	Delivery from Boston, Mass.

MASSACHUSETTS.

Line.	Square.	OFFICES.	Name of Company.	RATE.		Leaves this Line.
				This Line.	Other Lines.	
	18	Foxboro.	T. L.			
	18	Fall River.	do.			
	32	Indian Orchard.	T. L.			
	21	Lake Crossing.	T. L.			P. O. address, Wel-
		Leicester.	P. L.		15 1	lesley, Mass.
	21	Lowell.	T. L.			Worcester, Mass.
	21	Medford.	T. L.			
	32	North Dana.	T. L.			
	21	Roxbury.			25	Delivery from Bos-
	25	Spencer.	T. L.			ton, Mass.
	31	South Boston.	T. L.		25	Delivery from Bos-
	32	Springfield.	T. L.			ton, Mass.
		West Roxbury.			50	Delivery from Bos-
	25	Worcester.	T. L.			ton, Mass.

MICHIGAN.

Square.	OFFICES.	Name of Company.	RATE.		Leaves this Line.
			This Line.	Other Lines	
240	Albion.	A. T.		40 3	Detroit, Mich.
220	Ann Arbor.	do.		30 2	Do. do.
251	Bankers.	A. T.		40 3	Detroit, Mich.
260	Battle Creek.	do.		40 3	Do. do.
230	Bay City.	do.		40 3	Do. do.
	Blissfield Crossing.	{ C. S.		25 2	{ Toledo, O. { Detroit, Mich.
	Brighton.	{ D. L. & L. M.		30 2	{ Detroit, Mich.
	Belding.	{ do.		50 4	{ Do. do.
250	Big Rapids.	{ G. R. & I.		50 3	{ Detroit, Mich.
		{		40 3	{ Kalamazoo, Mich.
	Bond's Mills.	{ do.		90 6	{ Detroit, Mich.
		{		75 5	{ Kalamazoo, Mich.
	Boyne Falls.	{ do.		1 00 7	{ Detroit, Mich.
		{		85 6	{ Kalamazoo, Mich.
	Bradley.	{ do.		50 3	{ Detroit, Mich.
		{		25 2	{ Kalamazoo, Mich.
211	Carlton.	{ C. S.		25 2	{ Toledo, O. { Detroit, Mich.
	Coral.	{ D. L. & L. M.		60 5	{ Detroit, Mich.
	Columbiaville.	A. T.		40 3	Do. do.
	Cedar Springs.	{ G. R. & I.		55 4	{ Do. do.
		{		40 3	{ Kalamazoo, Mich.
	Clam Lake.	{ do.		75 5	{ Detroit, Mich.
		{		60 4	{ Kalamazoo, Mich.

MICHIGAN.

Square.	OFFICES.	Name of Company.	RATE.		Leave this Line.
			This Line.	Other Line.	
200	Detroit.	T. L.			
220	Dexter.	A. T.		30 2	Detroit, Mich.
	Dundee.	C. S.		25 2	Toledo, O. Detroit, Mich.
	Eagle.	D. L. & L. M.		40 3	Detroit, Mich.
230	East Saginaw.	A. T.		40 3	Do. do.
	Fish Lake.	A. T.		45 3	Do. do.
	Flat Rock.	C. S.		25 2	Toledo, O. Detroit, Mich.
	Fowlerville.	D. L. & L. M.		45 3	Detroit, Mich.
	Fishers.	do.		25 2	Do. do.
	Grand Ledge.	D. L. & L. M.		40 3	Do. do.
	Grand Trunk Junction.	do.		25 2	Do. do.
	Greenville.	do.		50 4	Do. do.
	Grosse Ile.	C. S. R. R.		25 2	Toledo, O. Detroit, Mich.
	Gowen.	D. L. & L. M.		50 4	Detroit, Mich.
269	Grand Rapids.	G. R. & I.		30 2 50 3	Kalamazoo, Mich Detroit, Mich.

MICHIGAN.

Square.	OFFICER.	Name of Company.	RATE.		Leaves this Line.
			This Line.	Other Lines	
	Howard, Montcalm Co.	D. L. & L. M.	80	5	Detroit, Mich.
	Howell.	do.	40	3	Do. do.
	Hanover.	A. T.	65	4	Do. do.
231	Hillsdale.	do.	40	3	Do. do.
	Hemlock City.	do.	75	5	Do. do.
240	Ionis.	D. L. & L. M.	40	3	Do. do.
240	Jackson.	A. T.	40	3	Do. do.
251	Jonesville.	do.	40	3	Do. do.
260	Kalamazoo.	A. T. & T. L.	50	3	A. & P. Stations west of Kalamazoo, check direct with that office. Detroit, Mich. do. do.
	Kalkaska.	G. R. & I.	90 75	6 5	Detroit, Mich. Kalamazoo, Mich.
	Kingsley.	do.	90 75	6 5	Detroit, Mich. Kalamazoo, Mich.

MICHIGAN.

Line.	Square.	OFFICES.	Name of Company.	RATE.		Leaves this Line.
				This Line.	Other Lines	
	210	Lapeer.	A. T.	40	3	Detroit, Mich.
	240	Lansing.	D. L. & L. M.	40	3	Do. do.
		Le Roy, Ingham Co.	do.	40	3	Do. do.
		Livonia.	do.	25	2	Do. do.
		Lyons.	do.	40	3	Do. do.
		La Salle.	C. S.	25	2	Toledo, O. Detroit, Mich.
		Le Roy, Oscoda Co.	G. R. & I.	75 60	5 4	Detroit, Mich. Kalamazoo, Mich.
		Maybee.	G. R. & I.	25	2	Toledo, O. Detroit, Mich.
		Morley.	do.	50 65	2 3	Kalamazoo, Mich. Detroit, Mich.
		Montieth.	do.	50 25	3 2	Kalamazoo, Mich. Detroit, Mich.
		Morenci.	C. S.	25	2	Toledo, O. Detroit, Mich.
	211	Monroe.	do.	25	2	Do. do.
		Matamoras.	A. T.	40	3	Detroit, Mich.
		Millington.	do.	45	3	Do. do.
	240	Marshall.	do.	40	3	Do. do.
		Montgomery.	do.	75	5	Do. do.
		Maple Valley.	D. L. & L. M.	60	5	Do. do.
		Mantou.	G. R. & I.	90 75	6 5	Do. do. Kalamazoo, Mich.
		Marcellona.	do.	75 90	5 6	Do. do. Detroit, Mich.
		Martin.	do.	25 50	2 3	Kalamazoo, Mich. Detroit, Mich.
		Mayfield.	do.	90 75	6 5	Do. do. Kalamazoo, Mich.
		Mendon.	do.	25 50	2 3	Do. do. Detroit, Mich.
	240	North Lansing.	D. L. & L. M.	40	3	Do. do.
		Newport.	C. S. R. R.	25	2	Toledo, O. Detroit, Mich.

MICHIGAN.

Square.	OFFICES.	Name of Company.	RATE.		Leaves this Line.
			This Line.	Other Lines.	
	Okemos.	D. L. & L. M.	40	3	Detroit, Mich.
	Orion.	A. T.	30	2	Do. do.
210	Otter Lake.	do.	40	3	Do. do.
	Oxford.	do.	30	2	Do. do.
220	Plymouth.	D. L. & L. M.	25	2	Detroit, Mich.
	Portland.	do.			
200	Port Huron—Deliver from Sarnia, Ont.		40	3	Do. do.
	Paris.	G. R. & I.	60 75	4 5	Detroit, Mich., or Buffalo, N. Y.
	Petoskey.	do.	1 00 85	7 6	Kalamazoo, Mich. Detroit, Mich.
	Peterson.	do.	50 65	3 4	Do. do. Kalamazoo, Mich.
260	Plainwell.	do.	25 50	2 3	Do. do. Detroit, Mich.
270	Paw Paw.	T. L.			
	Reading.	A. T.	75	5	Detroit, Mich.
	Rochester.	do.	30	2	Do. do.
	Reese.	do.	50	3	Do. do.
211	Rockwood.	C. S.	25	2	Toledo, O. Detroit, Mich.
137	Read City.	G. R. & I.	50 60	3 4	Detroit, Mich. Kalamazoo, Mich.
	Rockford.	do.	40 55	3 4	Do. do. Detroit, Mich.
	Rose Station.	do.	50 30	3 2	Do. do. Kalamazoo, Mich.
	Summit Station, Monroe Co.	C. S.	25	2	Toledo, O. Detroit, Mich.
	South Lyon.	D. L. & L. M.	30	2	Detroit, Mich.
	Sheridan, Montcalm Co.	do.	50	4	Do. do.
	Stanton.	do.	50	1	Do. do.

MICHIGAN.

Square.	OFFICES.	Name of Company.	RATE.		Leaves this Line.
			This Line.	Other Lines	
230	Saginaw.	A. T.	40	3	Detroit, Mich.
	St. Louis.	do.	75	5	Do. do.
	Sand Lake.	G. R. & I.	65	4	{ Do. do. { Kalamazoo, Mich.
	Stanwood.	do.	65	4	{ Detroit, Mich. { Kalamazoo, Mich.
251	Sturgis.	do.	50	3	{ Detroit, Mich. { Kalamazoo, Mich.
			35	2	
	Thomas, Saginaw Co.	A. T.	30	2	Detroit, Mich.
211	Trenton.	C. S.	25	2	{ Toledo, O. { Detroit, Mich.
	Trufant's.	D. F. & L. M.	60	5	Detroit, Mich.
118	Traverse City.	G. R. & I.	50	3	{ Detroit, Mich. { Kalamazoo, Mich.
			75	5	
	Utica.	D. L. & L. M.	30	2	Detroit, Mich.
211	Vienna.	C. S.	25	2	{ Toledo, O. { Detroit, Mich.
	Vassar.	A. T.	50	3	Detroit, Mich.
251	Vicksburg.	G. R. & I.	25	2	{ Kalamazoo, Mich. { Detroit, Mich.
			50	3	
	Walton.	G. R. & I.	90	6	{ Detroit, Mich. { Kalamazoo, Mich.
	Williamstown.	D. L. & L. M.	40	3	Detroit, Mich.
211	Wyandotte.	C. S.	25	2	{ Toledo, O. { Detroit, Mich.
	Weston.	do.	25	2	{ Toledo, O. { Detroit, Mich.
	Wayland.	G. R. & I.	50	3	{ Detroit, Mich. { Kalamazoo, Mich.
			25	2	
220	Ypsilanti.	A. T.	30	2	Detroit, Mich.

MISSOURI.

Square.	OFFICES.	RATE.		Leaves this Line.
		Name of Company.	This Line. Other Lines	
348	St. Louis.	T. L.		

NEBRASKA.

Line.	Square.	OFFICES.	Name of Company.	RATE.		Leaves this Line.
				This Line.	Other Lines	
	533	Alkali.	T. L.			
		Antelope.	do.			
		Ashland.	B. & M.	60	4	Omaha, Neb.
		Beatrice.	B. & M.	65	4	Kearney Junction Neb.
		Bellevue.	do.	60	4	Omaha, Neb.
	533	Big Springs.	T. L.			
	526	Brady Island.	do.			
	216	Chapmans.	T. L.			
	512	Clarks.	do.			P. O. address Charles ville, Neb.
	512	Columbus.	do.			
		Crete.	B. & M.	60	4	Kearney Junction. Neb.
	526	Cozard.	T. L.			
		De Witt.	B. & M.	75	5	Omaha, Neb.
		Dorchester.	do.	75	5	Do. do

NEBRASKA.

Line.	Square.	OFFICES.	Name of Company.	RATE.		Leaves this Line.
				This Line.	Other Line.	
es Elk-						
et., Neb.	512	Jackson.	T. L.			
		Juniata.	B. & M.	35	2	Kearney Junct., Neb.
et., Neb.	522	Kearney.	T. L.			
et., Neb.	522	Kearney Junction.	do.			
		La Platte.	B. & M.	60	4	Omaha, Neb.
	474	Lincoln.	do.	40	3	Do. do.
et., Neb.	538	Lodge Pole.	T. L.			
	512	Lone Tree.	do.			P. O. address, Central City, Neb.
		Louisville.	B. & M.	60	4	Omaha, Neb.
		Lowell.	do.	35	2	Kearney Junct., Neb.
et., Neb.	528	McPherson.	T. L.			
do. do.	501	Millard.	do.			

NEBRASKA.

Square.	OFFICES.	Name of Company.	RATE.		Leaves this Line.
			This Line.	Other Lines	
501	North Bend.	T. L.			
528	North Platte.	do.			
533	O'Fallon's.	T. L.			
533	Ogalalla.	do.			
464	Omaha.	do.			
526	Overton.	do.			
464	Papillion.	T. L.			
526	Plum Creek.	do.			
542	Potter.	do.			
512	Schuyler.	T. L.			
512	Silver Creek.	do.			
533	Sidney.	do.			
	Sutton.	B. & M.	40	3	Kearney Junct., Neb.

NEBRASKA.

Square.	OFFICES.	Name of Company.	RATE.		Leaves this Line.
			This Line.	Other Lines	
522	Valley.	T. L.			
	Waverly.	B. & M.	60	4	Omaha, Neb.
	Wilbur.	do.	65	4	Kearney Junct., Neb
526	Willow Island.	T. L.			
546	Wood River.	do.			

NEVADA.

Messages received COLLECT from offices in Nevada, to which rate is \$2.50, will be charged for and checked at rate of \$2.75 and 18.

Square.	OFFICES.	Name of Company.	RATE.		Leaves this Line.
			This Line.	Other Line.	
	Battle Mountain.	C. P.	Two-thirds of Nevada rate is for this line.	One-third of Nevada rate for other line.	Central.
	Beowawe.	do.			Do.
	Brown's.	do.			Do.
	Bullionville.	Deseret.		1 50 15	Salt Lake, Utah.
	Carlin.	C. P.			Central.
	Carson.	do.			Do.
	Camp McDermott.	N. & N.		1 25 8	CENTRAL, From Winnemucca, Nev., (A and P. gets $\frac{1}{2}$ of tariff to Winnemucca, Nev.)
	Elko.	C. P.	Two-thirds of Nevada rate to C. P. offices, is for this line.	One-third of Nevada rate to C. P. offices is for other line.	Central.
	Eureka.	do.			Do.
	Golconda.	C. P.			Central.
	Gold Hill.	do.			Do.
	Halleck.	C. P.			Central.
	Hot Springs.	do.			Do.
	Humboldt.	do.			Do.
	Independence.	C. P.			Central.
	Kelton.	C. P.			Central.
	Lucin.	do.			Central.
	Mill City.	do.			Central.
	Oreana.	do.			Central.

NEVADA.

Square.	OFFICES.	Name of Company.	RATE.		Leaves this Line.
			This Line.	Other Line.	
	Palisade.	C. P.			Central.
	Panaca.	Deseret.	1 50	15	Salt Lake, Utah.
	Pioche.	do.	1 50	15	Do. do.
	Reno.	C. P.			Central.
	Rye Patch.	do.			Do.
	Tecoma.	C. P.			Central.
	Terrace.	do.			Do.
	Toano.	do.			Do.
	Verdi.	C. P.			Central.
	Virginia City.	do.			Do.
	Wadsworth.	C. P.			Central.
	Wells.	do.			Do.
	White Plains.	do.			Do.
	Winnemucca.	do.			Do.

.....Two-thirds of Nevada rate to C. P. offices, is for this line.....

.....One-third of Nevada rate to C. P. offices, is for other line.....

NEW HAMPSHIRE.

Square.	OFFICES.	Name of Company.	RATE.		Leaves this Line.
			This Line.	Other Line.	
24	Bristol.	T. L.			
24	Concord.	T. L.			
24	Fisherville.	T. L.			
21	Franklin.	do.			
	Goffstown, West Village.	P. L.	25	2	Manchester, N. H.
	Goffstown Centre.	do.	25	2	Do, do.
24	Hill.	T. L.			
24	Manchester.	T. L.			
24	Nashua.	T. L.			
24	Pittsfield.	T. L.			
24	Suncook.	T. L.			
	Squog.	P. L.	15	1	Manchester, N. H.

NEW JERSEY.

Line.	Square.	OFFICES.	Name of Company.	RATE.		Leaves this Line.
				This Line.	Other Lines	
		Atlantievile.		30		Delivery from Long Branch, N. J.
	41	Arlington.	T. L.			
		Belleville.		30		Delivery from Newark, N. J.
	41	Bergen, Hudson Co.	T. L.			Check Jersey City, N. J.
	52	Bloomfield, Passaic Co.	do.			
	41	Bound Brook.	do.			
	41	Bloomfield.	do.			
		Bayonne, (Jersey City.)		25		Delivery from Jersey City, N. J.
	59	Camden.		20		Delivery from Philadelphia, Pa.
	52	Deckertown.	T. L.			
		East Newark.		15		Delivery from Newark, N. J.
	41	Englewood.	T. L.			
	41	Elizabeth.	do.			
		Fair Haven.		50		Delivery from Red Bank, N. J.
	52	Franklin Furnace, Sussex Co.	T. L.			

NEW JERSEY.

Square.	OFFICES.	Name of Company.	RATE.		Leaves this Line.
			This Line.	Other Lines	
52	Hamburg.	T. L.			
41	Hackensack	do.			
41	Highland, Monmouth Co.	do.			
	Holmdel.			1 50	Delivery from Key- port, N. J.
41	Hudson City.	T. L.			Chek Jersey City, N. J.
41	Hoboken.	do.			
	Irrington.			50	Delivery, Newark, N. J.
41	Jersey City.	T. L.			
11	Jersey City and Albany Jct.	do.			
41	Keyport.	T. L.			
47	Long Branch.	T. L.			
	Lafayette, (Jersey City.)			25	Delivery Jersey City, N. J.
41	Matawan.	T. L.			
41	Midland Park.	do.			
	Monmouth Beach.				Train or special mes- senger from Long Branch, N. J.
41	Mont Clair.	T. L.			
41	Middletown, Monmouth Co.	do.			
41	Newark.	T. L.			
41	New Brunswick.	do.			
52	New Foundland.	do.			
41	New Durham, Hudson Co.	do.			
52	Ogdenburg.	T. L.			

NEW JERSEY.

Square.	OFFICES.	Name of Company.	RATE.		Leaves this Line.
			This Line.	Other Lines.	
41	Paterson.	T. L.			
41	Pompton.	do.			
52	Phillipsburg.			15	Delivery from Easton, Pa. Check Philadelphia.
41	Rahway.	T. L.			
47	Red Bank.	do.			
41	Sandy Hook.	T. L.			
52	Stockholm.	do.			
41	South River.	do.			See Washington, So. River.
47	Trenton.	T. L.			
41	Union Hill, Hudson Co.	T. L.			
41	Wayne.	T. L.			
41	Washington, South River.	do.			P. O. address South River, Middlesex Co., N. J.
41	Wortendyke.	T. L.			P. O. address Goodwinville, N. J.
	Woodside.			25	Delivery from Newark, N. J.
	Waverly.			75	Delivery from Newark, N. J.

NEW YORK.

Square.	OFFICES.	Name of Company.	RATE.		Leave this Line.
			This Line.	Other Lines.	
	Adams.	Dom.	25	1	Oswego, N. Y.
45	Albany.	T. L.			
110	Albion.	do.			
45	Amsterdam.	do.			
	Alexandria Bay.	Dom.	15	1	Oswego, N. Y.
	Arcade.	D. P. & N. Y.	40	3	Buffalo, N. Y.
74	Auburn.	T. L.			
45	Ballston.		25	2	Schenectady, N. Y.
	Broad Albin.				Postage 3 cts., or \$3 special delivery from Amsterdam, N. Y.
	Bay Side, L. I.	N. S.	25	2	New York, N. Y.
74	Baldwinsville.	T. L.			
	Beaver Meadow.	D. P. & E.	25	2	Norwich, N. Y.
	Bernhard's Bay.				Train from Constantia, N. Y.
	Bloomington.				Train from Middletown, N. Y.
37	Brewsters.	T. L.			
	Brier Hill.	Dom.	15	1	Oswego, N. Y.
57	Bouckville.	T. L.			
41	Brooklyn, L. I.	do.			The local rate will apply for messages to Brooklyn from A. and P. and F. offices within 25 and 50 miles. Beyond that distance add 10 cts. to the rate to New York, provided the tolls so computed do not exceed the state rate.
	Bushwick, L. I.		10		Delivery from Willemburgh, Check Brooklyn, L. I., N. Y.
	Bloomington, New York City.		25		Delivery from Harlem, N. Y.

NEW YORK.

Square.	OFFICES.	Name of Company.	RATE.		Leave this Line.
		This Line.	Other Lines.		
	Bullville.				Train from Middletown, N. Y.
120	Buffalo.				
45	Canajoharie.				
41	Carmansville, (N. Y. City.)		25		Delivery from Harlem, N. Y.
	Cape Vincent.	Dom.	15	1	Oswego, N. Y.
74	Central Square.	T. L.			
	Chesterstown	Adr.	40	3	Saratoga, N. Y.
57	Clark's Mills.	T. L.			
	Clayton.	Dom.	15	1	Oswego, N. Y.
74	Cleveland.	T. L.			
57	Clinton.	do.			
92	Clyde.	do.			
45	Cohoes	do.			
	Centreville.				(Train from Middletown, N. Y. or mail or delivery from Liberty, N. Y.)
110	Charlotte	T. L.			
74	Constantia.	do.			
	Cooks Falls.				Before 11 A. M. train from Walton, N. Y. After 11 A. M. train from Morriston, N. Y.
65	Portland.	U. I. & E.	25	2	Norwich, N. Y.
46	Crawford Junct.	T. L.			P. O. address Scotchtown, N. Y.
	Crumm Hill.				Train from Norwich, N. Y.
	Cuyler.	U. I. & E.	25	2	Norwich, N. Y.
41	Cifton, S. I.	T. L.			
	Creek Centre.	Adr.	50	2	Saratoga, N. Y.

NEW YORK.

Square.	OFFICES.	Name of Company.	RATE.		Leave this Line.
			This Line.	Other Line.	
57	Deansville.	T. L.			
65	Delhi.	T. L.			
	DeRuyter	U. I. & E.		25 2	Norwich, N. Y.
139	Dunkirk.	T. L.			
	Delancy.				Train from Walton, N. Y.
	Durhamville.			25	Train from Oneida, N. Y.
	East Hamlin.	T. L.			Tariff 40 more than tariff to Oswego, N. Y. Check direct.
40	Ellenville.	do.			
57	Earville.	do.			
	East Aurora.	D. P. & N. Y.		30 2	Buffalo, N. Y.
	East Branch.				Before 11 A. M. train from Walton, N. Y. After 11 A. M. train from Morriston, N. Y.
120	East Buffalo.	T. L.			P. O. address Brainards Hotel, East Buffalo, N. Y.
74	East Oswego.	do.			Check Oswego, N. Y.
57	Eaton.	do.			
	Ebenezer.	D. P. & N. Y.		20 2	Buffalo, N. Y.
	Elma.	do.		30 2	Buffalo, N. Y.
57	Frankfort.			10	Horse car from Blon, N. Y.
92	Fairport.	T. L.			
57	Franklin Iron Works, Oneida Co.	do.			
	Franklinville, Cattaraugus Co.	D. P. & N. Y.		40 3	Buffalo, N. Y.
74	Fulton.	T. L.			
	Fort Wadsworth, S. I.			25	Delivery from CHifton, S. I.
	Fallsburg.				Train from Middletown, N. Y.

NEW YORK.

Loc.	Square	OFFICES.	Name of Company.	RATE.		Leaves this Line.
				This Line.	Other Lines	
		Farmacerville.	T. L.			Tariff 25 more than tariff to Oswego, N. Y. Check direct.
		Fair Oaks.				Train from Middletown, N. Y.
		Freeville.	U. I. & E.		25 2	Norwich, N. Y.
		Frankville.	do.			Train from Norwich, N. Y.
Walton,	43	Glen Cove, L. I.	N. S.		25 2	New York, N. Y.
Oneida,		Green Island.			25	Delivery from Troy, N. Y.
ore than wago, N. direct.	65	Guilford.	T. L.			
		Genoa.	U. I. & E.		25 2	Norwich, N. Y.
		Guilford Centre.				Train from Middletown, N. Y.
		Guilford Summit.				Train from Middletown, N. Y.
		Green Point, (Brooklyn, L. I.)			10	Delivery from Williamsburgh, check Brooklyn, N. Y.
	57	Holmesville.	T. L.			
go, N. Y.		Hadley.	Adm.		25 2	Saratoga, N. Y.
		Hamden.				Train from Walton, N. Y.
	59	Hamilton.	T. L.			
		Hammond.	Dom.		15 1	Oswego, N. Y.
from Dion,		Hannibal.	T. L.			Tariff 25 more than tariff to Oswego, N. Y. Check direct.
	41	Harlem.	T. L.			Check New York.
	57	Herkimer.			10	Delivery from Hous. N. Y.
	120	Hinesdale.	B. P. & N. Y.		40 3	Buffalo, N. Y.
		Holland.	do.		25 2	Buffalo, N. Y.
from Chf-	40	Hudson.	T. L.			
ny Middle-		High Bridge.			50	Delivery from Harlem, N. Y.

NEW YORK.

Square.	OFFICES.	RATE.		Leaves this Line.
		Name of Company.	This Line. Other Lines	
	Hemowack.			Train from Middletown, N. Y.
	Hurley.			Train from Middletown, N. Y.
	Hamlin.	T. L.		Tariff 40 more than tariff to Oswego, N. Y. Check direct.
57	Hion.	do.		
	Ischua.	B. P. & N. Y.	40	3 Buffalo, N. Y.
	Ireland's Mills.			Train from Norwich, N. Y.
	Jessup's Landing.	A. F.	25	2 Saratoga, N. Y.
46	Johnsons.	T. L.		
40	Kinderhook.	do.		
	Kirkland.			Train from Norwich, N. Y.
	Kendall.	T. L.		Tariff 40 more than tariff to Oswego, N. Y. Check direct.
45	Lansingburgh.	do.		
46	Liberty, Sullivan Co.	do.		
	Liberty Falls, Sullivan Co.			Train from Middletown, N. Y.
77	Little Falls.	T. L.		
129	Lockport.	do.		
	Luzerne.	Adr.	25	2 Saratoga, N. Y.
92	Lyons, Wayne Co.	T. L.		

NEW YORK.

Square.	OFFICES.	Name of Company.	RATE.		Leaves this Line.
			This Line.	Other Lines	
120	Machias.	B. P. & N. Y.	40	3	Buffalo, N. Y.
74	Marcellus.	T. L.			
1 10	Medina.	do.			
	Merrickville.				Train from Walton, N. Y.
	Mexico.	Dom.	15	1	Oswego, N. Y.
	Melrose.		25		Delivery from Harlem, N. Y.
40	Middletown.	T. L.			
46	Monticello.	do.			
57	Morrisville.	do.			
	Morristown, St. Lawrence Co.	Dom.	15	1	Oswego, N. Y.
46	Morriston, Sullivan Co.	T. L.			P. O. address Morriston Depot, N. Y.
41	Morrisania, New York City.		25		Delivery from Harlem, N. Y.
65	Mt. Upton.	T. L.			
57	Munsville.	do.			
	Madison.		50		Delivery Bouckville, N. Y.
41	Mott Haven.		15		Delivery from Harlem, N. Y.
41	Manhattanville.		25		Delivery from Harlem, N. Y.
	Macomb's Dam.		50		Delivery from Harlem, N. Y.
41	New York.	T. L.			
	Napanock.		75		Delivery from Ellenville, N. Y.
65	New Berlin.	T. L.			
57	New Hartford.	do.			
	New Haven.	Dom.	15	1	Oswego, N. Y.
120	Niagara Falls.	T. L.			

NEW YORK.

Square.	OFFICES.	Name of Company.	RATE.		Leaves this Line.
			This Line.	Other Line.	
	North Bay.				Train from Norwich N. Y.
	North Creek.	Adr.	45	3	Saratoga, N. Y.
	North New York.		25		Delivery from Har- lem, N. Y.
65	Norwich.	T. L.			
	New Berlin June.				Train from Sidney Plains, N. Y.
	North Lansing.				Train from Norwich N. Y.
	New Berlin Centre.				Train from Sidney Plains, N. Y.
	North Parma.	T. L.			Tariff 40 more than tariff to Oswego, N.Y. Check direct.
	Ogdensburg.	Dom.	15	1	Oswego, N. Y.
120	Olean.	P. E. & N.Y.	40	3	Buffalo, N. Y.
	Oakwood.	do.	40	3	Do. do.
74	Oneida.	T. L.			
	Ontario.	do.			Tariff 25 more than tariff to Oswego, N.Y. Check direct.
57	Oriskany Falls.	T. L.			
	Otselic.	P. E. & U.	25	3	Norwich, N. Y.
65	Oxford, Chenango Co.	T. L.			
74	Oswego.	do.			
	Purdy's.				Train from Middle- town, N. Y.
	Plymouth.				Train from Norwich, N. Y.
	Pratt's Hollow.				Train from Norwich, N. Y.
	Plasterville.				Train from Norwich, N. Y.
	Peeksport.				Train from Norwich, N. Y.
46	Parksville.	T. L.			
92	Palmyra.	do.			
	Palmer Falls.	Adr.	25	2	Saratoga, N. Y.
33	Pavilion Hotel, Glen Cove, L. I.	N. B.	35	2	Summer office, New York, N. Y.

NEW YORK.

Line.	Square.	OFFICES.	Name of Company.	RATE.		Leaves this Line.
				This Line.	Other Lines	
Norwich	74	Pennellville.	T. L.			
Y.		Pine Bush.				Train from Middle-
on Har	41	Port Chester.	T. L.			town, N. Y.
		Portville.	D.P. & N.Y.	45	3	Buffalo, N. Y.
		Protection.	do.	35	2	Do. do.
Sidney	46	Poughkeepsie.	T. L.			
Y.		Pulaski.	Dom.	15	1	Oswego, N. Y.
Norwich		Pottersville.	Adr.	50	3	Saratoga, N. Y.
Sidney						
Y.						
ore than	41	Quarantine, S. I.	T. L.			Check Clifton, S. I.,
Oswego,						N. Y.
k direct.						
Y.						
Y.						
o.		Richmond, S. I.		1 50		Delivery from Clif-
						ton, S. I.
ore than						
Oswego,						
k direct.						
Y.	92	Red Creek.	do.			
	40	Rhinebeck.	do.			
		Riverside.	Adr.	45	3	Saratoga, N. Y.
	110	Rochester.	T. L.			
		Rose.	do.			Tariff 25 more than
Middle-						tariff to Oswego,
						N.Y. Check direct.
Norwich,	57	Rome.	T. L.			
Norwich,						
Norwich,						
Norwich,						
Y.						
ice, New						

NEW YORK.

Square.	OFFICES.	Name of Company.	RATE.		Leaves this Line.
			This Line.	Other Lines	
	Randall's Island.			75	De'ivery from Har- lem, N. Y. (Must be pre paid.)
	Rockdale.				Train from Sidney Plains, N.Y., Tues- day, Thursday and Saturday.
	Rockwell's Mill's.				Train from Sidney Plains, N.Y., Tues- day, Thursday and Saturday.
	Sandy Creek.	Dom.	15	1	Oswego, N. Y.
	South Lansing.				Train from Norwich, N. Y.
	Solvville.				Train from Norwich, N. Y.
45	Saratoga.	T. L.			
45	Saratoga Lake.	do.			Summer office, Ch'k Saratoga, N. Y.
45	Schenectady.	do.			
92	Seneca Falls.	do.			
33	Sea Cliff, L. I.	N. S.	25	2	New York, N. Y.
	Scipio Centre.	U. I. & E.	25	2	Norwich, N. Y.
	Schroon Lake.	Adr.	50	3	Saratoga, N. Y.
65	Sidney Centre.	T. L.			
65	Sidney Plains	do.			
57	Smith's Valley, Madison Co.	do.			P. O. address Ran- dallville, N. Y.
57	Smyrna.	do.			
	Sodus.	do.			Tariff 25 more than tariff to Oswego, N.Y. Check direct.
	South Corinth.	Adr.	25	2	Saratoga, N. Y.
	South Wales.	B.P. & N.Y.	35	2	Buffalo, N. Y.
92	Sterling, Cayuga Co.	T. L.			
	Stony Creek.	Adr.	25	2	Saratoga, N. Y.
	State Line.	B.P. & N.Y.	45	3	Buffalo, N. Y.
57	St. Johnsville.	T. L.			
46	Slate Hill.	do.			

NEW YORK.

Square.	OFFICES.	Name of Company.	RATE.		Leaves this Line.
			This Line.	Other Lines	
	Sandburg.				Train from Middletown, N. Y.
45	Sulphur Springs, Saratoga.	T. L.			Summer Office, check Saratoga, N. Y.
	Summitville.				Train from Middletown, N. Y.
74	Syracuse.	T. L.			
	Stevensville.				Stage from Liberty, N. Y.
41	Stapleton, S. I.		25		Delivery from Chilton, S. I., N. Y.
	South Beach, S. I.		25		Delivery from Chilton, S. I., N. Y.
	Sodus Point.	T. L.			Tariff 25 more than tariff to Oswego, check Wallington, N. Y.
	South New Berlin.				Train from Sidney Plains, N. Y.
	State Bridge.				Train from Norwich, N. Y.
	Stockbridge.				Train from Norwich, N. Y.
	The Glen.	Ad.	30	2	Saratoga, N. Y.
	Three Mile Bay.	Dom.	15	1	Oswego, N. Y.
	Thurman.	Ad.	30	2	Saratoga, N. Y.
129	Tonawanda.	T. L.			
45	Troy.	do.			
	Truxton.	U. I. & E.	25	2	Norwich, N. Y.
41	Tompkinsville S. I.		25		Delivery from Chilton, S. I., N. Y.
46	Unionville, Orange Co.	T. L.			
57	Utica.	do.			
40	Valatie.	P. L.	20	1	Kinderhook, N. Y.
	Venice Centre.				Train from Norwich, N. Y.

NEW YORK.

Square	OFFICER	RATE.		Leaves this Line.	Square
		Name of Company.	This Line- Other Line.		
	Webster.	T. L.		Tariff 25 more than tariff to Oswego, N.Y. Check direct.	16
55	Walton.	T. L.			23
	Watertown.	Don.	15 1	Oswego, N. Y.	22
	Watkins.	T. L.		Tariff 25 more than tariff to Oswego, N.Y. Check direct.	21
43	Waterford.	T. L.			21
	Weavertown.	Adv.	40 3	Saratoga, N. Y.	21
45	West Albany.	T. L.			20
5	West Troy.	do.		Check Troy, N. Y.	20
	West Farms.		50	Delivery from Har- lem, N. Y.	
17	Westfield, Chautauque Co.	T. L.			
	Westfield Plains, Sullivan Co.			Before 11 A. M. train from Walton. After 11 A. M. train from Morriston, N. Y.	22
57	Westmoreland.	T. L.			23
46	West Town.	do.			18
	Whitesboro.		50	Deliver from Ulster, N. Y.	20
41	Williamburgh, L. I.	T. L.		Check Brooklyn, L.I. N. Y.	20
91	White Plains.	do.			15
32	Wolcott.	do.			20
	Wolcott Depot.	do.		Tariff 25 more than tariff to Oswego, N.Y. Check direct.	
	Wards Island.		40	Delivery from Har- lem, N. Y. (must be pre-paid.)	22
65	White's Store.	T. L.			24
	West Monroe.			Train from Norwich, N. Y.	21
74	West Vienna.	T. L.			
	Williamson.	do.		Tariff 25 more than tariff to Oswego, N.Y. • Check direct.	18
41	Yorkville.	T. L.		Check New York.	21
	Yorkshire Centre.	B.C. & N.Y.	40 3	Buffalo, N. Y.	

01140.

Line.	Square.	OFFICES.	Name of Company.	RATE.	Leaves this Line.
	169	Ashtabula.	T. L.		
ore than Oswego, k direct.	233	Alexis.	C. S.	35 2	Detroit, Mich. Toledo, O.
Y.		Ashtabula Harbor.	A. & Y.	35 2	Ashtabula, O.
ore than Oswego, k direct.	231*	Avondale.	T. L.		Cheek Cincinnati, O.
		Austintown.	A. & Y.	35 2	Ashtabula, O.
	212	Attica.	T. L.		
Y.	212	Belle Centre.	do.		
	231	Bellefontaine.	do.		
	201	Birmingham.	do.		
N. Y.		Bloomfield.	A. & Y.	43 3	Ashtabula, O.
om Har-		Bristol Centre.	do.	45 3	Do. do
M. train ou. After ain from N. Y.	221	Carey.	T. L.		
	213	Chillicothe.	do.		
	234	Cincinnati.	do.		
	159	Cleveland.	do.		
m Utica,	201	Clyde.	do.		
oklyn, L.I.	202	Columbus.	do.		
	150	Conneaut.	do.		
ore than wego, N.Y. et.	201	Chicago Junction, Huron Co.	do.		
om Har- (must be	222	Dayton.	T. L.		
	241	Defiance.	do.		
	221	Deshler.	do.		
Norwich.	211	Delaware Bend.	do.		
ore than wego, N.Y. et.	180	Elyria.	T. L.		
Y.	212	Forest.	T. L.		
		Fayette.	C. S.	25 2	Detroit, Mich. Toledo, O.

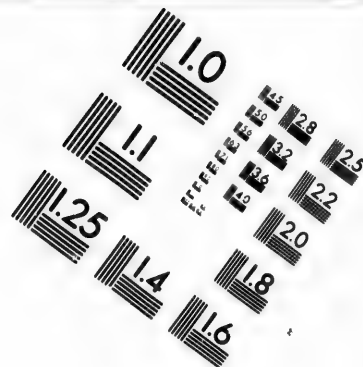
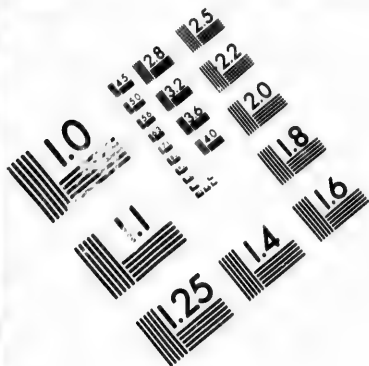
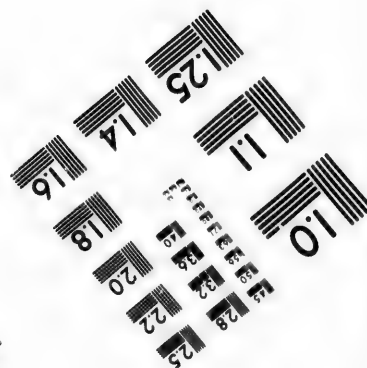
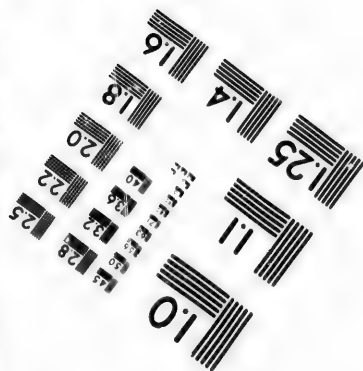
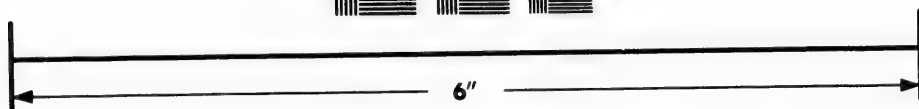
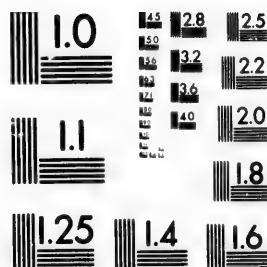


IMAGE EVALUATION TEST TARGET (MT-3)



Photographic
Sciences
Corporation

23 WEST MAIN STREET
WEBSTER, N.Y. 14580
(716) 377-4503



OHIO.

Square.	OFFICES.	Name of Company.	RATE.		Leaves this Line.
			This Line.	Other Line.	
221	Fostoria.	T. L.			
169	Geneva.	T. L.			
203	Georgesville.	do.			
201	Green Spring.	do.			
242	Hamilton.	T. L.			
241	Holgate.	do.			
211	Hicksville.	do.			
241	Hoyt's Corners.				
263	Ironton.	T. L.			
212	Kenton.	T. L.			
	Kelly's Island.	P. L.	35	2	Sandusky, O.
	Litchfield.	Union.	25	2	Elyria, O.
202	Lackbourne.	T. L.			
222	London.	do.			
180	Medina.	Union.	25	2	Elyria, O.
221	New Baltimore.	T. L.			
	New Lyme.	A. & Y.	35	2	Ashtabula, O.
	North Bristol.	do.	45	3	Do.
180	Oberlin.	Union.	25	2	Elyria, O.
	Orwell.	A. & Y.	35	2	Ashtabula, O.
	Penfield.	Union.	25	2	Elyria, O.
169	Painesville.	T. L.			
213	Portsmouth.	do.			

OHIO.

Square.	OFFICES.	Name of Company.	RATE.		Leaves this line.
			This line.	Other line.	
201	Point Marblehead.	T. L.			
222	Plattsburg.	do.			
	Put-in-Bay.			35	2 Sandusky, O. (summer office.)
221	Republic.	T. L.			
	Rock Creek.	A. & Y.		35	2 Ashtabula, O.
	Rome.	do.		35	2 Ashtabula, O.
201	Sandusky.	T. L.			
222	Springfield.	do.			
221	Tiffin.	T. L.			
211	Toledo.	do.			
232	Urbana.	T. L.			
201	Wellington.	Union.		25	2 Elyria, O.
213	Waverly.	T. L.			
232	West Liberty.	do.			
	York.	Union.		25	2 Elyria, O.

ONTARIO.

Square.	OFFICE.	Name of Company.	RATE.		Leaves this Line
			This Line.	Other Lines	
	Acton.	Dom.	30	2	
	Alisa Craig.	do.	30	2	
	Allanburg.	do.	30	2	
	Alma.	do.	30	2	
	Almonte.	do.	30	2	
	Angus.	do.	30	2	
	Arthur.	do.	30	2	
	Aultsville.	do.	30	2	
	Aurora.	do.	30	2	
	Arva.	do.	30	2	
	Aylmer.	do.	30	2	
	Barrie.	do.	30	2	
	Beachburg.	do.	30	2	
	Beaverton.	do.	30	2	
	Belleville.	do.	30	2	
	Berlin.	do.	30	2	
	Bervie.	do.	30	2	
	Blythe.	do.	30	2	
	Bowmanville.	do.	30	2	
	Bobcaygeon.	do.	30	2	
	Bolton.	do.	30	2	
	Bothwell.	do.	30	2	
	Brampton.	do.	30	2	
	Brantford.	do.	30	2	
	Bradford.	do.	30	2	

Regina, X. Y., Oscego, X. Y., or Detroit, Mich.

ONTARIO.

Line	Square.	OFFICE.	Name of Company.	RATE.		Leaves this Line.
				This Line.	Other Lines	
		Brighton.	Dom.	30	2	
		Brockville.	do.	30	2	
		Brussels.	do.	30	2	
		Carlton Place.	do.	30	2	
		Cannington.	do.	30	2	
		Caledonia.	do.	30	2	
		Campbellford.	do.	30	2	
		Carronbrook.	do.	30	2	
		Charleston.	do.	30	2	
		Chatham.	do.	30	2	
		Chatsworth.	do.	30	2	
		Clifton.	do.	30	2	
		Coburg.	do.	30	2	
		Colborne.	do.	30	2	
		Collingwood.	do.	30	2	
		Corawall.	do.	30	2	
		Clinton.	do.	30	2	
		Clifford.	do.	30	2	
		Courtright.	do.	30	2	
		Cayuga.	do.	30	2	
		Dickinson's Landing.	do.	30	2	
		Dresden.	do.	30	2	
		Dundalk.	do.	30	2	
		Dundas.	do.	30	2	
		Durham.	do.	30	2	
		Duntroon.	do.	30	2	
		Duffin's Creek.	do.	30	2	
		Dunville.	do.	30	2	
		Edgar.	do.	30	2	
		Edwardsburg.	do.	30	2	
		Elora.	do.	30	2	
		Ethel.	do.	30	2	

Buffalo, N. Y., Oswego, N. Y., or Detroit, Mich.

ONTARIO.

Square.	OFFICES.	Name of Company.	RATE.		Leaves this Line.
			This Line.	Other Lines	
	Fenelon Falls.	Dom.	30	2	
	Fergus.	do.	30	2	
	Flesherton.	do.	30	2	
	Fordwich.	do.	30	2	
	Forrest.	do.	30	2	
	Fort Erie.	do.	30	2	
	Galt.	do.	30	2	
	Gananoque.	do.	30	2	
	Georgetown.	do.	30	2	
	Glencoe.	do.	30	2	
	Goderich.	do.	30	2	
	Gorrie.	do.	30	2	
	Grafton.	do.	30	2	
	Grimsbby.	do.	30	2	
	Guelph.	do.	30	2	
	Hagersville.	do.	30	2	
	Hamilton.	do.	30	2	
	Hanover.	do.	30	2	
	Hastings.	do.	30	2	
	Harriston.	do.	30	2	
	Hespeler.	do.	30	2	
	Holstein.	do.	30	2	
	Ingersoll.	do.	30	2	
	Iroquois.	do.	30	2	
	Jarvis.	do.	30	2	

Buffalo, N. Y., Oswego, N. Y., or Detroit, Mich.

ONTARIO.

Square.	OFFICES.	Name of Company.	RATE.		Leaves this Line.
			This Line.	Other Lines	
	Kemptville.	Dom.	30	2	
	Kincardine.	do.	30	2	
	Kingston.	do.	30	2	
	Kleinburg.	do.	30	2	
	Lindsay.	do.	30	2	
	Listowell.	do.	30	2	
	Little Britain.	do.	30	2	
	Lucan.	do.	30	2	
	Lucknow.	do.	30	2	
	London.	do.	30	2	
	Lyn.	do.	30	2	
	Manilla.	do.	30	2	
	Maitland.	do.	30	2	
	Markdale.	do.	30	2	
	Meaford.	do.	30	2	
	Milbrook.	do.	30	2	
	Milleroche.	do.	30	2	
	Mill Point.	do.	30	2	
	Mitchell.	do.	30	2	
	Mono Road.	do.	30	2	
	Moorctown.	do.	30	2	
	Morrisburg.	do.	30	2	
	Mt. Forrest.	do.	30	2	
	Mt. Pleasant.	do.	30	2	
	Markham.	do.	30	2	
	Mildmay.	do.	30	2	

Buffalo, N. Y., Oswego, N. Y., or Detroit, Mich.

ONTARIO.

Square.	OFFICES.	Name of Company	RATE.		Leaves this Line
			This Line.	Other Lines	
	Napanee.	Dom.	30	2	
	New Castle.	do	30	2	
	New Hamburg.	do	30	2	
	New Lowell.	do	30	2	
	New Market.	do	30	2	
	Niagara.	do.	30	2	
	Norwood.	do	30	2	
	Oakville.	do.	30	2	
	Oranmore.	do.	30	2	
	Orillia.	do	30	2	
	Orangeville	do.	30	2	
	Oshawa.	do.	30	2	
	Ottawa.	do.	30	2	
	Owen Sound.	do	30	2	
	Pakenham.	do.	30	2	
	Palmerston.	do.	30	2	
	Paris.	do	30	2	
	Park Hill.	do.	30	2	
	Pembroke.	do.	30	2	
	Perth.	do.	30	2	
	Peterboro.	do.	30	2	
	Petrolia.	do	30	2	
	Pictou.	do.	30	2	
	Port Burwell.	do.	30	2	
	Port Colborne.	do.	30	2	
	Port Dalhousie.	do.	30	2	
	Port Dover.	do.	30	2	

Bufileto, N. I., Ouegio, N. I., or Petrolia, Mich.

ONTARIO.

Square.	OFFICES.	Name of Company.	RATE.		Leaves this Line
			This Line.	Other Lines	
	Port Hope.	Dom.	30	2	
	Port Lambton.	do.	30	2	
	Port Perry.	do.	30	2	
	Port Stanley.	do.	30	2	
	Port Robinson.	do.	30	2	
	Prescott.	do.	30	2	
	Preston.	do.	30	2	
	Palsley.	do.	30	2	
	Port Elgin.	do.	30	2	
	Kenilworth.	do.	30	2	
	Richmond Hill.	do.	30	2	
	Riversdale.	do.	30	2	
	Ridgeway.	do.	30	2	
	Salem.	do.	30	2	
	Sarnia.	do.	30	2	
	Sand Point.	do.	30	2	
	Seaforth.	do.	30	2	
	Shakespeare.	do.	30	2	
	Shelburne.	do.	30	2	
	Simcoe.	do.	30	2	
	Smith's Falls.	do.	30	2	
	Southampton.	do.	30	2	
	Stayner.	do.	30	2	
	St. Catharines.	do.	30	2	
	St. Marys.	do.	30	2	
	St. Thomas.	do.	30	2	
	Stirling.	do.	30	2	
	Stratford.	do.	30	2	
	Strathroy.	do.	30	2	
	Summerstown.	do.	30	2	
	Stouffville.	do.	30	2	
	Tecumseh.	do.	30	2	
	Thamesville.	do.	30	2	

Buffalo, N. Y., Oswego, N. Y., or Detroit, Mich.

this Line

Buffalo, N. Y., Oswego, N. Y., or Detroit, Mich.

ONTARIO.

Square.	OFFICES.	Name of Company.	RATE.		Leaves this Line.
			This Line.	Other Lines	
	Thornbury.	Dom.	30	2	
	Thornhill.	do.	30	2	
	Thorold.	do.	30	2	
	Tilsonburg.	do.	30	2	
	Toledo.	do.	30	2	
	Toronto.	do.	30	2	
	Trenton.	do.	35	2	
	Trowbridge	do.	30	2	
	Uxbridge.	do.	30	2	
	Vienna.	do.	30	2	
	Waldeman.	do.	30	2	
	Walkerton.	do.	30	2	
	Wallaceburg.	do.	30	2	
	Waterford.	do.	30	2	
	Waterloo.	do.	30	2	
	Watford.	do.	30	2	
	Welland.	do.	30	2	
	Wellington.	do.	30	2	
	Wellington Square.	do.	30	2	
	Whitby.	do.	30	2	
	Widder.	do.	30	2	
	Wilkesport.	do.	30	2	
	Williamstord Station.	do.	30	2	
	Windsor.	do.	30	2	
	Wingham.	do.	30	2	
	Winthrop	do.	30	2	
	Woodbridge.	do.	30	2	
	Woodstock	do.	30	2	
	Wroxeter Station.	do.	30	2	
	Wyoming.	do.	30	2	
	Yorkville.	do.	30	2	

Buffalo, N. Y., Oswego, N. Y., or Detroit, Mich.

OREGON.

Messages received collect from Portland, Or., should be charged for and checked at rate of \$2.75 and 18.

Square	OFFICES.	Name of Company.	RATE.		Leaves this Line.
			This Line.	Other Lines	

Baker City.

Tariff \$2.00 and 13
more than tariff to
Winnemucca, Nev.
A. & P. gets 2-3 of
tariff to Winnemuc-
ca. Check Central.

Dalles.

do. do.

Portland.

One Third Central.

Sheep Ranch (see Idaho).

Tariff \$2.00 and 13
more than tariff to
Winnemucca, Nev.
A. & P. gets 2-3 of
tariff to Winne-
mucca, Nev.
Check Central.

Uniontown.

PENNSYLVANIA.

The tariff between a Franklin or A. & P. Co.'s office, and a P. R. & P. office, both of which have a square number, will be divided equally to each company, when tariff for 10 words is 50 cents or less. When tariff is more than 50 cents for 10 words, the P. R. & P. Co.'s proportion will be 15 a T L, the remainder pertaining to the Franklin or A. & P. Co.

Square.	OFFICES.	Name of Company.	RATE.		Leaves his Line.
			This Line.	Other Lines.	
	Alaska, Northumberland Co. P. R. & P.		25	2	Phila., Pa.
52	Aidentown, Lehigh Co.	do.			Do. do.
	Allenwood, Union Co.	do.	40	3	Do. do.
76	Annville, Lebanon Co.	do.			Do. do.
84	Ashland, Schuylkill Co.	do.			Do. do.
	Auburn, do. do.	do.	25	2	Do. do.
151	Alleghany City, or Alleghany.	T. L.			Check Pittsburg, Pa
	Barton, Berks Co.	P. R. & P.	30	2	Phila., Pa.
	Bast Colliery, Schuylkill Co.	do.	25	2	Do. do.
	Beechwood Colliery, Schuylkill Co.	do.	25	2	Do. do.
	Belmont, (Phila.)	do.	10	1	Do. do.
	Berkeley, Berks Co.	do.	35	2	Do. do.
52	Bothlehem, Northampton Co.	do.			Do. do.
	Big Mine Run, Schuylkill Co.	do.	25	2	Do. do.
59	Birdsboro, Berks Co.	T. L.			
	Boyetown, do. do.	P. R. & P.	30	2	Phila., Pa.
	Boston Run Colliery, Schuylkill Co.	do.	25	2	Do. do.
59	Bridgeport Lock, Montgomery Co.	do.			Do. do.
	Branchdale, Schuylkill Co.	do.	25	2	Do. do.
50	Bridgeport, Montgomery Co.	do.			Do. do.
	Brower's Lock, Montgomery Co.	do.	30	2	Do. do.
	Bruckart's, Lancaster Co.	do.	35	2	Do. do.
	Buckville, Schuylkill Co.	do.	25	2	Do. do.
	Rechtselville, Berks Co.	do.	30	2	Do. do.
	Brandonville, Schuylkill Co.	do.	40	3	Do. do.

PENNSYLVANIA.

which
order is
portion

Line.

Square.	OFFICES.	Name of Company.	RATE.		Leaves this Line.
			This Line.	Other Lines.	
50	Chester, Delaware Co.	P. R. & P.			Phila., Pa.
	Clermont.	P. R. & N. Y.	65	4	Buffalo, N. Y.
84	Catawissa, Columbia Co.	P. R. & P.			Phila., Pa.
66	Catsanqua, Lehigh Co.	do.			Do do.
66	Centralia, Columbia Co.	do.			Do do.
76	Centreville.	T. L.			P. O. address Air- ville, York Co., Pa.
	Chadd's Ford Junction.	W. & R.	25	2	Contesville, Pa.
	Chestnut Hill (Phila.)	P. R. & P.	25	2	Phila., Pa.
	Cold Spring, Lebanon Co.	do.	35	2	Do do.
50	Contesville.	T. L.			
	Collegeville, Montgomery Co.	P. R. & P.	30	2	Phila., Pa.
	Colorado, Schuylkill Co.	do.	25	2	Do do.
	Colorado Store Schuylkill Co.	do.	25	2	Do do.
76	Columbia, Lancaster Co.	do.			Do do.
150	Comeanville.	T. L.			
	Conshohocken, Montgome- ry Co.	P. R. & P.	30	2	Phila., Pa.
	Carnwall, Lebanon Co.	do.	35	2	Do do.
	Cressona, Schuylkill Co.	do.	25	2	Do do.
	Cuyler Colliery, Raven Run Schuylkill Co.	do.	25	2	Do do.
84	Danville, Montour Co.	P. R. & P.			Phila., Pa.
76	Dauphin, Dauphin Co.	do.			Do do.
84	Donaldson, Schuylkill Co.	do.			Do do.
	Doutyville, Northumber- land Co.	do.	25	2	Do do.
	East Mahanoy Junction, Schuylkill Co.	P. R. & P.	25	2	Phila., Pa.
52	Easton, Northampton Co.	do.			Do do.
	Ellangowen Colliery, Schuylkill Co.	do.	25	2	Do do.

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PENNSYLVANIA.

Square.	OFFICES.	Name of Company.	RATE.		Leaves this Line.
			This Lin	Other Line.	
	Embreerville. }	W. & R.	45	4	{ Phila., Pa.
			25	2	{ Coatesville, Pa.
111	Emporium.	B. P. & N. Y.	40	3	Buffalo, N. Y.
	Ephrata.	P. R. & P.	35	2	Phila., Pa.
160	Erie.	T. L.			
	Excelsior, Northumberland Co.	P. R. & P.	25	2	Phila., Pa.
	Exeter, Berks Co.	do.	30	2	Do.
151	East Liberty.	T. L.			Check Pittsburg, Pa
	Eldred.	B. P. & N. Y.	45	3	Buffalo, N. Y.
	Fairmount Lock, (Phila.)	P. R. & P.	10	1	Phila., Pa.
	Falls Schuylkill.	do.	10	1	Do.
	Forestville, Schuylkill Co.	do.	25	2	Do.
66	Frackville, do.	do.			Do.
	Frankford, (Phila.)	do.	10	1	Do.
	Germantown, (Phila)	P. R. & P.	10	1	Phila., Pa.
	Germantown Junction.	do.	10	1	Do.
66	Gilberton, Schuylkill Co.	do.			Do.
	Girard Mammoth Colliery }	do.	25	2	{ Phila., Pa.
	Raven Run, Schuylkill Co. }				
	Girard, Schuylkill Co.	do.	40	3	Phila., Pa.
	Girardville Colliery, Conners' Patch, Schuylkill Co.	do.	25	2	Do.
66	Girardville, Schuylkill Co.	do.			
66	Glen Carbon, do.	do.			Do.
	Gordon, do.	do.	25	2	Do.
	Gray's Ferry, (Phila.)	do.	20	2	Do.
	Green Lane, Montgomery Co.	do.	30	2	Do.
	Germansville, Lehigh Co.	do.	35	2	Do.

PENNSYLVANIA.

Square.	OFFICES.	Name of Company.	RATE.		Leaves this Line.
			This Line.	Other Lines	
	Hall's Station, Lycoming Co.	P. R. & P.	40	3	Phila., Pa.
66	Hamburg, Berks Co.	do.			Do. do.
76	Harrisburg, Dauphin Co.	do.			Do. do.
	Heilmantale, Lebanon Co.	do.	35	2	Do. do.
	Helfenstein, Northumberland Co.	do.	25	2	Do. do.
59	Hestonville, Phila.	T. L.			P. O. address Hestonville, Phila., Pa.
76	Hummelstown, Dauphin Co.	P. R. & P.			Phila., Pa.
	Hosensack, Lehigh Co.	do.	30	2	Do. do.
	Intersection Germantown G. & N. R. R.	P. R. & P.	10	1	Phila., Pa.
	Indian Ridge Colliery, Schuylkill Co.	do.	25	2	Do. do.
	Jallappa (Pottsville) Schuylkill Co.	P. R. & P.	20	2	Phila., Pa.
	Joanna.	W. & R.	25	2	Coatesville, Pa.
	Jonestown, Lebanon Co.	P. R. & P.	35	2	Phila., Pa.
	Junction R. & C. R. R., Lancaster Co.	do.	35	2	Do. do.
140	Karns' City.	T. L.			
	Kalmia Colliery, Schuylkill Co.	P. R. & P.	25	2	Phila., Pa.
	Keating's Summit, McKean Co.	B. P. & N. Y.	50	3	Buffalo, N. Y.
	Kempton, Berks Co.	P. R. & P.	35	2	Phila., Pa.
	Kohinoor Colliery, (Shenandoah) Schuylkill Co.	do.	25	2	Do. do.
76	Lancaster, Lancaster Co.	P. R. & P.			Phila., Pa.

PENNSYLVANIA.

Square.	OFFICES.	Name of Company.	RATE.		Leave this Line.
			This Line.	Other Lines.	
76	Landsville.	P. R. & P.			Phila., Pa.
	Laurel Iron Works.	W. & R.	25	2	Coatesville. Pa.
	Leesport, Berks Co.	P. R. & P.	25	2	Phila., Pa.
76	Lebanon, Lebanon Co.	do.			Do. do.
	Lenhartsville, Berks Co.	do.	35	2	Do. do.
	Limerick, Montgomery Co.	do.	25	2	Do. do.
	Litiz, Lancaster Co.	do.	35	2	Do. do.
	Locust Dale, Schuylkill Co.	do.	25	2	Do. do.
	Locust Gap, Northumberland Co.	do.	25	2	Do. do.
	Locust Run Colliery, Schuylkill Co.	do.	25	2	Do. do.
	Locust Summit, Northumberland Co.	do.	25	2	Do. do.
	Lynport, Lehigh Co.	do.	35	2	Do. do.
	Lost Creek, Schuylkill Co.	do.	25	2	Do. do.
	Liberty Station.	N. Y. & N. Y.	50	3	Buffalo, N. Y.
	Larrabees.	do.	40	3	Do. do.
	Locherry Junction, Schuylkill Co.	P. R. & P.	25	2	Phila., Pa.
66	Lizaretto, Delaware Co.	do.	25	2	Do. do.
	Mahanoy City, Schuylkill Co.	P. R. & P.			Phila., Pa.
	Mahanoy Plane, Schuylkill Co.	do.			Do. do.
66	Mahanoy Tunnel, Schuylkill Co.	do.	25	2	Do. do.
	Mahanoy, Schuylkill Co.	do.	25	2	Do. do.
	Manheim, Lancaster Co.	do.	35	2	Do. do.
	Manayunk, (Phila.)	do.	10	1	Do. do.
	Marysville, Columbia Co.	do.	40	3	Do. do.
	McCall's Ferry.	T. L.			
76	Mammoth Vein Shaft, Schuylkill Co.	P. R. & P.	25	2	Phila., Pa.
150	Meadville.	T. L.			
	Merion, Montgomery Co.	P. R. & P.	30	2	Phila., Pa.
	Middleport, Schuylkill Co.	do.	25	2	Do. do.
	Mifflin, Lebanon Co.	do.	35	2	Do. do.

PENNSYLVANIA.

this Line.	Square.	OFFICES.	Name of Company.	RATE.		Leaves this Line.
				This Line.	Other Lines	
a.		Mill Creek Scales, Schuylkill Co.,	P. R. & P.		20 2	Phila., Pa.
le. Pa.	84	Milton, Northumberland Co.	do.			Do. do.
Pa.		Mine Hill Gap, Schuylkill Co.,	do.		25 2	Do. do.
do.		Minersville, Schuylkill Co.	do.			Do. do.
do.	66	Mohrsville, Berks Co.	do.		25 2	Do. do.
do.		Monocacy, do. do.	do.		25 2	Do. do.
do.		Mooresburg, Montour Co.	do.		40 3	Do. do.
do.		Montoursville, Lycoming Co.	do.		40 3	Do. do.
do.		Mt. Airy (Phila.)	do.		25 2	Do. do.
do.	66	Mt. Carbon, Schuylkill Co.	do.			Do. do.
do.	81	Mt. Carmel, Northumberland Co.	do.			
do.		Mt. Pleasant, Berks Co.	do.		30 2	Phila., Pa.
do.	84	Muncy, Lycoming Co.	do.			
N. Y.	76	Myerstown, Lebanon Co.	do.			
do.		Middle Creek Shaft, Schuylkill Co.	do.		25 2	Phila., Pa.
Pa.		Montgomery, Lycoming Co.	do.		40 3	Do. do.
do.	59	Moselem, Berks Co.	do.			
Pa.		Merriam Colliery, Northumberland Co.	do.		25 2	Do. do.
do.						
do.		Nicotown (Phila.)	P. R. & P.		10 1	Phila., Pa.
do.	59	Norristown, Montgomery Co.	do.			Do. do.
do.		North Brook.	W. & R.		25 2	Coatsville.
do.	150	North East.	T. L.			
do.	66	New Phila., Schuylkill Co.	P. R. & P.			Phila., Pa.
Pa.		New Providence, Lancaster Co.	do.		30 2	Do. do.
		New York Junct., (Phila.)	do.		15 1	Do. do.
Pa.						
do.	140	Oil City.	T. L.			
do.	140	Petrolia City.	T. L.			

PENNSYLVANIA.

Square.	OFFICES.	Name of Company.	RATE.		Leaves this Line.
			This Line.	Other Line.	
	Palmyra, Lebanon Co.	P. R. & P.		35 2	Phila., Pa.
66	Palo Alto, Schuylkill Co.	do.			Do. do.
	Perkiomen, Junc., Chester Co.	do.		30 2	Do. do.
	Perry, Berks Co.	do.		25 2	Do. do.
	Pennsburg, Montgomery Co.	do.		30 2	Do. do.
59	Philadelphia.	T. L.			
59	Phoenixville, Chester Co.	P. R. & P.			Phila., Pa.
	Phoenix Park, Schuylkill Co.	do.		25 2	Do. do.
76	Pine Grove, Schuylkill Co.	do.			Do. do.
151	Pittsburg.	T. L.			Do. do.
66	Port Carbon, Schuylkill Co.	do.			Do. do.
66	Port Clinton, Schuylkill Co.	do.			Do. do.
	Port Richmond, (Phila.)	do.		10 1	Do. do.
59	Pottstown, Montgomery Co.	do.			Do. do.
	Pottstown Landing, Chester Co.	do.		30 2	Do. do.
66	Pottsville, Schuylkill Co.	do.			Do. do.
66	Preston, Schuylkill Co.				Do. do.
	Port Alleghany.	B. & N. Y.		50 3	Buffalo, N. Y.
	Port Kennedy, Montgomery Co.	P. R. & P.		25 2	Phila., Pa.
140	Parkers City, (formerly called Parkers Landing.)	T. L.			
66	Quakake Junct., Schuylkill Co.	P. R. & P.			Phila., Pa.
	Quarryville, Lancaster Co.	P. R. & P.		35 2	Do. do.
59	Reading, Berks Co.	P. R. & P.			Phila., Pa.
	Rheinfolds, Lancaster Co.	do.		35 2	Do. do.
	Richmond, (Phila.)	do.		10 1	Do. do.
	Richmond Shops.	do.		10 1	Do. do.
	Richmond Wharfs.	do.		10 1	Do. do.
59	Ridley Junction or Park, Delaware Co.	do.			Do. do.

PENNSYLVANIA.

Square.	OFFICES.	Name of Company.	RATE.		Leaves this Line.
			This Line.	Other Line.	
	Ringgold, Schuylkill Co.	P. R. & P.	25	2	Phila., Pa.
	Ringtown, do do.	do.	40	3	Do. do.
	Robesonia, Berks Co.	do.	35	2	Do. do.
76	Rockville, Dauphin Co.	do.			Do. do.
59	Boyer's Ford, Montgomery Co.	do.			Do. do.
84	Rupert, Columbia Co.	do.			Do. do.
140	St. Petersburg.	T. L.			
66	St. Clair, Schuylkill Co.	P. R. & P.			Phila., Pa.
	St. Nicholas.	do.	25	2	Do. do.
	Schwenksville, Montgome- ry Co.	do.	30	2	Do. do.
66	Schuylkill Haven, Schuyl- kill Co.	do.			Do. do.
	Seed's Station.	W. & R.	25	2	Contesville, Pa.
	Seisholtzville, Berks Co.	P. R. & P.	30	2	Phila., Pa.
84	Shamokin, Northumber- land Co.	do.			Do. do.
66	Shenandoah, Schuylkill Co.	do.			Do. do.
	Shippin.	B. F. & N. Y.	50	3	Buffalo, N. Y.
	Sheridan, Lebanon Co.	P. R. & P.	25	2	Phila., Pa.
66	Silver Creek, Schuylkill Co.	do.			Do. do.
	Sinking Spring, Berks Co.	do.	35	2	Do. do.
66	Slatington, Lehigh Co.	do.			Do. do.
111	Smethport.	B. F. & N. Y.	40	3	Buffalo, N. Y.
59	Spring City, Chester Co.	P. R. & P.			Phila., Pa.
	Spring Mill, West, Mont- gomery Co.	do.	20	2	Do. do.
	Stony Creek, Schuylkill Co.	do.	25	2	Do. do.
	Strongville, do do.	do.	25	2	Do. do.
	Summit, do do.	do.	40	3	Do. do.
	Swatara, do do.	do.	25	2	Do. do.

PENNSYLVANIA.

Square.	OFFICES.	Name of Company.	RATE.		Leaves this Line.
			This Line.	Other Lines	
	Swede Furnace or Swede-land, Montgomery Co.	P. R. & P.		20 2	Phila., Pa.
66	Tamanend, Schuylkill Co.	P. R. & P.			Do. do.
66	Tamanqua, do. do.	do.			Do. do.
76	Tower City, do. do.	do.			Do. do.
63	Tremont, do. do.	do.			Do. do.
	Turkey Run Colliery, Shenandoah.	do.		25 2	Do. do.
66	Tuscarora, Schuylkill Co.	do.			Do. do.
84	Treverton, Northumberland Co.	do.			Do. do.
	Tuckerton, Berks Co.	do.		25 2	Do. do.
	Union Colliery, Dark Corner, Columbia Co.	P. R. & P.		25 2	Do. do.
	Union Forge, Lebanon Co.	do.		35 2	Do. do.
	Union R. & C. R. R., Lancaster Co.	do.		35 2	Do. do.
	Vally Forge, Montgomery Co.	P. R. & P.		30 2	Phila., Pa.
	Vera Cruz, Lehigh Co.	do.		30 2	Do. do.
151	Washington, Washington Co.	T. L.			
	Wadesville, Schuylkill Co.	P. R. & P.		25 2	Phila., Pa.
	Waynesburg Junc., Chester Co.	W. & R.		25 2	Coatesville, Pa.
	West Phila.	P. R. & P.		10 1	Phila., Pa.
	West Brookside Colliery, Schuylkill Co.	do.		25 2	Do. do.
	White Deer, Union Co.	do.		40 3	Do. do.
84	Williamsport, Lycoming Co.	do.			Do. do.
	Wm. Penn. Schuylkill Co.	do.		25 2	Do. do.
76	Wrightsville, York Co.	do.			Do. do.
	West Shenandoah Colliery, Schuylkill Co.	do.		25 2	Do. do.
	West Willow, Lancaster Co.	do.		30 2	Do. do.

QUEBEC.

Square.	OFFICES.	Name of Company.	RATE.		Leaves this Line.
			This Line.	Other Lines	
	Aylmer.	Dom.	30	2	
	Batiscau.	do.	30	2	
	Berthier.	do.	30	2	
	Back River.	do.	30	2	
	Bord au Plouffe.	do.	30	2	
	Bristol.	do.	30	2	
	Buckingham.	do.	30	2	BUFFALO, N. Y.
	Cape Sante.	Dom.	30	2	
	Carillon.	do.	30	2	
	Champlain.	do.	30	2	
	Clarendon Centre.	do.	30	2	OSWEGO, N. Y.,
	Coteau Landing.	do.	30	2	
	Dechambault.	Dom.	30	2	OR
	East Templeton.	Dom.	30	2	DETROIT, MICH.
	Edwardsburg.	do.	30	2	
	Gatineau Bridge.	Dom.	30	2	
	Grecques Point.	do.	30	2	
	Grenville.	do.	30	2	
	Grondines.	do.	30	2	
	Hull.	Dom.	30	2	
	Jacques Cartier.	Dom.	30	2	
	Joliette.	do.	30	2	
	Lachine.	Dom.	30	2	
	Lancaster.	do.	30	2	

QUEBEC.

Square.	OFFICES.	Name of Company.	RATE.		Leave this Line.
			This Line.	Other Lines.	
	Masson College, Terrebonne	Dom.	30	2	
	Monte Bello.	do.	30	2	
	Montreal.	do.	30	2	
	Manchester.	do.	30	2	
	Moulinette.	do.	30	2	
	North Nation Mills.	Dom.	30	2	BUFFALO, N. Y.
	Papineauville.	Dom.	30	2	
	Point aux Trembles.	do.	30	2	
	Portage du Fort.	do.	30	2	OSWEGO, N. Y.
	Port Neuf.	do.	30	2	
	Quebec.	Dom.	30	2	
	Quio.	do.	30	2	
	River o Prairies.	do.	30	2	DETROIT, MICH.
	River-du-Loup, (en haut.)	do.	30	2	
	St. Andrews.	Dom.	30	2	
	St. Annes-de-la-Parade.	do.	30	2	
	St. Ann's, (Bout Lisle.)	do.	30	2	
	St. Eustache	do.	30	2	
	St. Jean de Neuville.	do.	30	2	
	St. Herman's.	do.	30	2	
	St. Vincent de Paul.	do.	30	2	
	St. Placide.	do.	30	2	
	St. Scholastique.	do.	30	2	
	Terrebonne.	Dom.	30	2	
	Three Rivers.	do.	30	2	
	Thurso.	do.	30	2	
	Wales.	do.	30	2	

RHODE ISLAND.

Square.	OFFICES.	Name of Company.	RATE.		Leaves this Line.
			This Line.	Other Lines	
	Narragansett Park, (during Races.)				
18	Newport	T. L.			Tariff 25 and 2 more than tariff to Provi- dence, R. I. Check Providence, R. I.
25	Pawtucket.	T. L.			
25	Providence.	do.			

UTAH.

Square.	OFFICES.	Name of Company.	RATE.		Leaves this Line.
			This Line.	Other Line.	
	Alta.	Deseret.		* 50 20	Salt Lake City, Utah.
	American Fork.	do.		" 50 20	Do. do.
	Beaver.	Deseret.		* 1 00 40	Salt Lake City, Utah.
	Bingham.	do.		" 50 20	Do. do.
	Bingham Junction.	do.		" 25 10	Do. do.
	Blue Creek.	C. P.			Central.
	Bingham City.	Deseret.		" 50 20	Salt Lake City, Utah.
	Bullionville.	do.		" 50 15	Do. do.
574	Castle Rock.	T. L.			
	Cove Creek.	Deseret.		* 1 00 40	Salt Lake City, Utah.
	Cedar City.	do.		* 1 00 40	Do. do.
577	Corinne.	C. P.			Central.
575	Echo.	T. L.			P. O. address Echo City, Utah.
	Ephraim.	Deseret.		" 75 30	Salt Lake City, Utah.
	Fairview.	Deseret.		" 75 30	Salt Lake City, Utah.
	Farmington.	do.		" 25 10	Do. do.
	Fillmore.	do.		* 1 00 40	Do. do.
	Fountain Green.	do.		" 75 30	Do. do.
	Franklin.	do.		" 75 30	Do. do.
	Glenwood.	Deseret.		" 75 30	Salt Lake City, Utah.
	Gunnison.	do.		" 75 30	Do. do.
	Kanab.	Deseret.		* 1 00 40	Salt Lake City, Utah.
	Kanarra.	do.		* 1 00 40	Do. do.
	Kaysville.	do.		" 25 10	Do. do.
	Kelton.	C. P.			Central.

* Indicates that rate for additional words is for each five words or less.

* In

UTAH.

Line.	Square.	OFFICES.	Name of Company.	RATE.		Leaves this Line
				This Line.	Other Line.	
City, Utah.		Lehi.	Deseret.	* 50	20	Salt Lake City, Utah
do.		Logan.	do.	* 75	30	do. do
City, Utah.		Manti.	Deseret.	* 75	30	do. do.
do.		Mendon.	do.	* 75	30	do. do
do.		Minersville.	do.	* 100	40	do. do.
City, Utah.		Monroe.	do.	* 75	30	do. do.
do.		Moroni.	do.	* 75	30	do. do.
City, Utah.		Mt. Pleasant.	do.	* 75	30	do. do.
do.		Nephi.	Deseret.	* 50	20	Salt Lake City, Utah
ress Echo h.	575	Ogden.	T. L.			P. O. address, Ogden City, Utah.
City, Utah.		Paris.	Deseret.	* 100	40	Salt Lake City, Utah.
do.		Parowan.	do.	* 100	40	do. do.
do.		Payson.	do.	* 50	20	do. do
do.		Pine Valley.	do.	* 100	40	do. do
City, Utah.		Provo.	do.	* 50	20	do. do.
do.	575	Peterson.	do.			
		Promontory.	C. P.	one	hird	Central.
City, Utah.		Panguitch.	Deseret.	150	15	Salt Lake City, Utah.

* Indicates that rate for additional words is for each 5 words or less.

UTAH.

Square.	OFFICES.	Name of Company.	RATE.		Leaves this L. . .
			This Line.	Other Line.	
	Richfield.	Deseret.		* 75 30	Salt Lake City, Utah.
	Richmond.	do.		* 75 30	do. do.
	Rockville.	do.		*100 40	do. do.
	St. George.	Deseret.		*100 40	Salt Lake City, Utah.
	Sandy.	do.		* 25 10	do. do.
	Springville.	do.		* 50 20	do. do.
	Silver.	do.		* 75 30	do. do.
	Santagnin.	do.		* 50 20	do. do.
	Spring City.	do.		* 75 30	do. do.
	Salina.	do.		* 75 30	do. do.
	Sheridan Hill.	do.		* 50 20	do. do.
	Shauntie.	do.		*100 40	do. do.
576	Salt Lake City.	T. L.			
	Terrace.	C. P.			Central.
	Tokerville.	Deseret.		*100 40	Salt Lake City, Utah.
575	Uintah.	T. L.			
574	Wahsatch.	T. L.			
575	Weber.	T. L.			

* Indicates that rate for additional words is for each 5 words or less.

WASHINGTON TERRITORY

Square.	OFFICES.	Name of Company.	RATE.		Leave this Line.
			This Line.	Other Line.	
	Walla Walla,				Tariff 250 and 17 more than tariff to Winnemucca, Nev., A. & P. gets 2-3 of tariff to Winnemuc- ca, Nevada. Check Central.

WISCONSIN.

Square.	OFFICES.	Name of Company.	RATE		Leaves this Line.
			This Line.	Other Line.	
297	Kenosha.	F. L.			
306	Milwaukee.	T. L.			
297	Racine.	T. L.			

WEST VIRGINIA.

this Line.

Square.	OFFICES.	Name of Company.	RATE.				Leaves this Line.
			This Line.		Other Line.		
151	Wheeling.	T. L.					

WYOMING.

Square.	OFFICES.	Name of Company.	RATE.		Leaves this Line.
			This Line.	Other Lines.	
574	Aspen.	T. L.			
548	Atkins.	do.			
574	Almy.	do.			
567	Bitter Creek.	do.			
567	Black Buttes.	do.			
572	Bridger.	do.			
571	Bryan.	do.			
548	Buford.	do.			
564	Carbon.	T. L.			
572	Carter.	do.			
548	Cheyenne.	do.			P. O. address Chey- enne City, Wy.
572	Church Buttes.	do.			
564	Como.	do.			
556	Cooper's Lake.	do.			
564	Creston.	do.			
574	Evanston.	T. L.			
564	Fort Fred Steele.	T. L.			
548	Fort Sanders.	do.			Check Laramie.

WYOMING.

this Line.

address Chey-
City, Wy.

Laramie.

Square.	OFFICES.	Name of Company.	RATE.		Leaves this Line.
			This Line.	Other Line.	
571	Granger.	T. L.			
548	Granite Canon.	do.			
571	Green River.	do.			P. O. address Green River City, Wy.
548	Hillsdale.	do.			
548	Hazard.	do.			
574	Hilliard.	do.			
556	Laramie.	do.			P. O. address Laramie City, Wy.
556	Lookout.	do.			
572	Leroy.	do.			
564	Medicine Bow.	do.			
556	Miser.	do.			
548	Otto.	do.			
564	Percy.	do.			
574	Piedmont.	do.			
548	Pine Bluffs.	do.			
569	Point of Rocks.	do.			
571	Rock Springs.	do.			
564	Rawlins.	do.			P. O. address Raw lins Springs, Wy.
566	Red Buttes.	do.			
567	Red Desert.	do.			
556	Rock Creek.	do.			
569	Salt Wells.	do.			
564	Separation.	do.			
548	Sherman.	do.			
564	St. Marys.	do.			
567	Table Rock.	do.			
548	Tie Siding.	do.			
564	Washakie.	do.			
556	Wyoming.	do.			

